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Washington, D.C. 20590

U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

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AUTO SAFETY HOTLINE
(800) 424-9393
Wash. D.C. Area 366-0123

Case Vehicle (A): 1998 Chevrolet
 Type: Blazer LS, 4 x 4, 4-door SUV
 Driver: 36-year-old female
 CDC: 12-FZEW-2, 12-LBAS-2

Veh. (B): 1995 Nissan
 Type: Unknown model, passenger vehicle
 Driver: 44-year-old female
 CDC: 99-0000-0

Veh. (C): 1999 GMC
 Type: Unknown model, pickup
 Driver: 35-year-old male
 CDC: 99-0000-0

SITUATION

(Slide 1) It was daylight, the sky was clear, and (slide 2) the five-lane, asphalt road surface was dry and free of defects. Case vehicle (A) was traveling south at an unknown speed in the center turn lane. Vehicle (B) had also been traveling south and was stopped in front of case vehicle (A) in the center turn lane. Vehicle (C) was traveling north in the left northbound lane. The driver of case vehicle (A) had undergone invitro fertilization earlier on the same day and this reportedly caused her to have a syncopal episode. As a result, case vehicle (A) drifted to the left and the driver failed to stop behind vehicle (B). The right front of case vehicle (A) struck the rear of vehicle (B). Case vehicle (A) then rotated clockwise, causing the left rear of the vehicle to enter the left northbound lane, where it was struck by vehicle (C). The drivers of case vehicle (A) and vehicle (B) were transported by ambulance to a regional level-one trauma center where they were treated and released. The driver of vehicle (C) did not sustain any injury.

GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

(Slide 3) Overall damage to case vehicle (A) was moderate. (Slide 4) Direct damage to case vehicle (A) from the frontal impact began at the right-front bumper corner and extended 85 cm to the left, resulting in 56-percent vehicle overlap. The maximum crush from the frontal impact was 48 cm and occurred just to the right of the bumper center. (Slide 5) Direct damage to case vehicle (A) from the second impact began at the left-rear bumper corner and continued 77-cm forward. The maximum crush was 4 cm and occurred just forward of the rear taillight.

Using the WinSMASH accident-reconstruction program and (slides 6, 7, 8 and 9) a crush profile measured for case vehicle (A), the following impact severity was calculated for the frontal impact:

Vehicle	Variable	Calculated Velocity Change - kph (mph)		
		Total	Longitudinal	Latitudinal
Case Vehicle (A)	EBS	35 (22)	-35 (-22)	-6 (-4)

DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

Exterior

(Slide 10) In the front, the right headlight assembly, the grille, the hood, (slide 11) the right hood hinge, and the hood latch were damaged. The hood latch was jammed closed and was pried open by rescue or towing personnel. (Slide 12) The rear edge of the hood was elevated and it contacted the cowl, which contacted and cracked the windshield. (Slide 13) The right side of the engine compartment was crushed rearward.

On the left side, (slide 14) the rear quarter panel, the upper and lower sections of the D-pillar, and the gas tank cover were crushed inward, and the left-rear window was broken out. (Slides 15 and 16) There was no other left-side damage, and no significant change in the left wheelbase.

On the right side, (slide 17) the front fender, (slide 18) the upper and lower A-pillar, and (slide 19) the roof siderail were damaged. (Slide 20) There was no other right-side damage, but the right wheelbase was reduced 6 cm.

(Slide 21) In the rear, the left bumper corner and left taillight were damaged. There was no other damage to the rear of the vehicle.

Interior

This vehicle was equipped with steering-wheel and passenger frontal-impact airbags, and (slides 22, 23 and 24) both deployed during the frontal impact. (Slides 25 and 26) There was no damage to the steering-wheel or passenger airbag module covers. (Slide 27 and 28) There was no damage to the steering-wheel rim or (slide 29) spokes. There was no apparent horizontal or vertical displacement of the steering column. (Slides 30, 31, 32, 33, 34, 35, 36 and 37) There was no other interior damage and no measurable intrusions.

OCCUPANT KINEMATICS AND INJURIES

(Slide 38) The 5-ft, 9-in, 135-lb, 36-year-old female driver was wearing the three-point belt and the (slide 39) frontal-impact airbag deployed. (Slide 40) There was a small webbing imprint on the plastic D-ring, (slide 41) a webbing imprint on the plastic continuous loop, (slide 42) plastic transferred onto the belt webbing from the continuous loop, and (slide 43) the stitching of the energy-management loop was torn out, indicating belt use at the time of the crash.

On impact, the driver moved forward and slightly to the right relative to the vehicle interior, into the belt restraint and airbag. (Slide 44) There was lipstick and makeup transferred onto the airbag fabric just to the right of the circle of tether stitching. The driver sustained a contusion to her right knee, due to contact with the knee bolster, (slide 45) as evidenced by scuff marks on the knee bolster cover to the right of the steering column. She sustained a contusion across her abdomen, probably due to contact by the lap belt. (Slide 46) There were scuff marks on the knee bolster cover to the left of the steering column, but no injuries were reported from these potential contact points.

The following table and attached drawing (slide 47) summarize the injuries for the driver of case vehicle (A).

Occupant: Driver

Restraints: 3-point belt worn; frontal-impact airbag deployed

Age: 36 years

Stature: 175 cm (5 ft, 9 in)

Gender: Female

Mass: 61 kg (135 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Contusion, across abdomen	1		Lap belt	
Contusion, right knee	1		Knee bolster	
<u>Maximum A.I.S. Level</u>	1			
<u>Injury Severity Score</u>	1			

TIME		ENVIRONMENTAL CONDITIONS	
DATE OF COLLISION		CONSTRUCTION ZONE	
m m / d d / y y y — — / — — / — —		(0) NO (1) YES (9) UNKNOWN	
HOUR OF COLLISION (24 HOUR CLOCK)		21 — — 24	
LOCATION		ROAD ALIGNMENT VERTICAL PLANE	
STATE: _____		(1) LEVEL (2) CREST OF HILL (3) SLOPE (2%) (4) BOTTOM OF HILL (9) UNKNOWN	
STATE FIPS CODE		ROAD ALIGNMENT HORIZONTAL PLANE	
AREA		(1) STRAIGHT (2) CURVE (3) T - SHAPED (4) Y - SHAPED (7) OTHER: _____ (9) UNKNOWN	
(1) URBAN (2) RURAL (9) UNKNOWN			
ENVIRONMENTAL CONDITIONS		SURFACE COVERING	
LIMITED-ACCESS HIGHWAY		(10) DRY (21) WATER - DAMP (22) WATER - WET (23) WATER - PUDDLED (29) WATER - AMOUNT UNKNOWN	
(0) NO (1) YES (9) UNKNOWN		(31) SNOW - LOOSE (32) SNOW - PACKED (39) SNOW - CONDITION UNKNOWN	
ROAD, TOTAL TRAFFIC LANES (FOR CASE VEHICLE)		(41) ICE (51) SLUSH (61) SPILLED GRAVEL (71) OTHER: _____ (99) UNKNOWN	
(1) 1-LANE (2) 2-LANES (3) 3-LANES (4) 4 OR MORE LANES (5) DIVIDED, 4 OR MORE LANES (6) PARKING LOT/DRIVeway (7) OTHER: _____ (9) UNKNOWN			
INTERSECTING RD, TOTAL LANES CHOOSE FROM ABOVE LIST, OR		VISIBILITY LIMITATION (FOR CASE VEHICLE)	
(8) NOT APPLICABLE		(0) NONE (1) CLOUDY/DARK (2) FOG (3) SMOKE (4) WINDSHIELD CONDITION (5) GLARE (6) RAIN (7) OTHER: _____ (8) ICE/SNOW (9) UNKNOWN	
TYPE OF ROAD SURFACE		VISIBILITY OBSTRUCTION (FOR CASE VEHICLE)	
(1) ASPHALT (2) CONCRETE (3) GRAVEL (4) MORE THAN ONE (CIRCLE EACH) (7) OTHER: _____ (9) UNKNOWN		(0) NONE (1) BUILDING (2) SIGN (3) VEGETATION (E.G. BUSHES, SHRUBS) (4) TREE (5) HILL OR CURVE IN ROAD (6) VEHICLE IN TRANSPORT (7) OTHER: _____ (8) PARKED VEHICLE (9) UNKNOWN	
ROAD DEFECTS			
(0) NO (1) YES (9) UNKNOWN			

ENVIRONMENTAL CONDITIONS

SPEED LIMIT

(0) 5-45 km/h 5-25 mph
 (1) 46-55 30
 (2) 56-60 35
 (3) 61-70 40
 (4) 71-79 45
 (5) 80-85 50
 (6) 86-90 55
 (7) 91-105 60
 (8) OVER 105 65
 (9) UNKNOWN

40

MECHANICAL MALFUNCTION

**WAS THERE MENTION
OF A MECHANICAL MALFUNCTION
IN CASE VEHICLE**

(0) NO
(1) YES
(2) YES, DID NOT CONTRIBUTE
TO ACCIDENT
(9) UNKNOWN

O
46

PRECIPITATION

- (0) NONE
- (1) RAIN
- (2) SNOW
- (3) HAIL
- (4) FREEZING RAIN/SLEET
- (7) OTHER: _____
- (9) UNKNOWN

41

THE FOLLOWING SECTION SHOULD BE FILLED OUT IF A MECHANICAL MALFUNCTION IS RECOGNIZED OR SUSPECTED.

CIRCLE ITEMS INVOLVED. SUPPORT ANY ITEMS CIRCLED WITH COMMENTS.

RATE OF PRECIPITATION

- (1) LIGHT/MIST
- (2) MODERATE
- (3) HEAVY
- (8) NOT APPLICABLE
- (9) UNKNOWN

8
—
42

TEMPERATURE

(0) BELOW -15° C BELOW 5° F
 (1) -15 TO -6 5 TO 22
 (2) -5 TO -1 23 TO 31
 (3) 0 TO 2 32 TO 36
 (4) 3 TO 5 37 TO 41
 (5) 6 TO 15 42 TO 59
 (6) 16 TO 25 60 TO 77
 (7) 26 TO 35 78 TO 95
 (8) OVER 35 OVER 96
 (9) UNKNOWN

6
43

CROSSWIND

- (0) NONE
- (1) LIGHT
- (2) STRONG
- (3) GUSTY & STRONG
- (9) UNKNOWN

1
—
44

LIGHT CONDITIONS

- (1) DAYLIGHT
- (2) DAWN
- (3) DUSK
- (4) DARK, LIGHTED
- (5) DARK, UNLIGHTED
- (6) DARK, UNKNOWN IF LIGHTED
- (9) UNKNOWN

45

GENERAL INFORMATION GI-3

CRASH DETAILS		HIGHEST POLICE INJURY SEVERITY CODE IN CRASH (NOT JUST CASE VEHICLE)	
CASE VEHICLE AND OBJECT	0 47	(0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING INJURY (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO ACCIDENT (7) NON-FATAL INJURY SEVERITY UNKNOWN (9) UNKNOWN	1 55
CASE VEHICLE ROLLOVER	0 48		
(0) NO ROLLOVER (1) YES, FIRST EVENT (2) YES, SUBSEQUENT EVENT (3) YES, SEQUENCE UNKNOWN (9) UNKNOWN			
CASE VEHICLE RAN OFF ROADWAY (BEFORE FIRST IMPACT)	0 49	DRIVER IMPAIRMENT	
(0) NO (1) YES (9) UNKNOWN		DRIVER ALCOHOL INVOLVEMENT (CASE VEHICLE)	0 56
MOVING CASE VEHICLE AND CONTACTED MOVING VEHICLE	1 50	DRIVER ALCOHOL BAC (CASE VEHICLE)	80 57 58
(0) NO (1) YES (9) UNKNOWN		(80) NO TEST (90) CHEMICAL TESTS, NO RESULTS (95) AUTOPSY, NO RESULTS (99) UNKNOWN	
CASE VEHICLE AND CONTACTED STOPPED VEHICLE	1 51	WAS THERE MENTION OF DRIVER IMPAIRMENT FOR CASE VEHICLE?	0 59
(0) NO (1) YES (9) UNKNOWN		(0) NO (1) YES (9) UNKNOWN	
STOPPED CASE VEHICLE AND CONTACTED VEHICLE	0 52	LIST IMPAIRMENTS MENTIONED:	
(0) NO (1) YES (9) UNKNOWN		_____	
TOTAL NUMBER OF VEHICLES CONTACTED BY CASE VEHICLE IN CRASH	2 53	_____	
(8) 8 OR MORE (9) UNKNOWN		_____	
ANY FIRE IN THIS CRASH (NOT JUST CASE VEHICLE)	0 54	Post - Crash Detail	
(0) NO (1) YES (9) UNKNOWN		MANNER CASE VEHICLE LEFT SCENE	2 60
		(1) DRIVEN (2) TOWED DUE TO DAMAGE (3) TOWED, NOT DUE TO DAMAGE (4) TOWED, REASON UNKNOWN (9) UNKNOWN	

ACCIDENT SCHEMATIC

ACCIDENT DESCRIPTION: case vehicle (A) was traveling south when the driver passed out. Case vehicle (A) struck stopped vehicle (B) in the rear with its right-front. Case vehicle (A) rotated clockwise and was struck in the left-rear by north bound vehicle (C).

CASE VEHICLE (A): 1998 Chevrolet Blazer

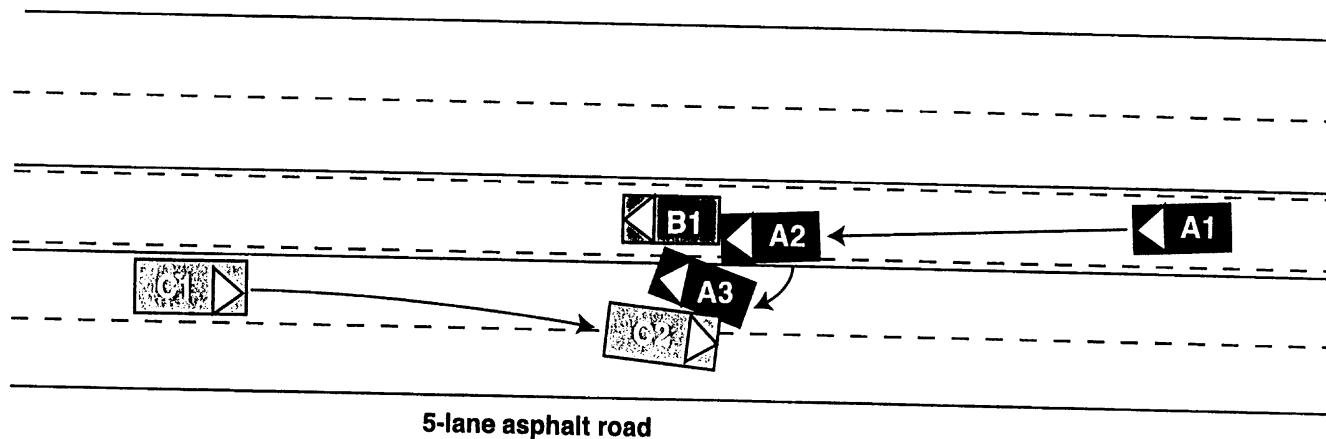
OTHER VEHICLE (B): 1995 Nissan

THIRD VEHICLE (C): 1999 GMC PU

G-4



NORTH



Duplicate columns 1-8
from the previous card.

Module O 9 V 10 Format 0 11 4 12

OTHER VEHICLE OV-1

MAKE: Nissan
MODEL: Unknown passenger vehicle

CARGO: _____

VIN

13

29

MANUFAC/BODY CODE 0 8 2 2 0
30 34

MAKE/MODEL CODE 1 5 9 9
38

MODEL YEAR 1 9 9 5
39 42

VEHICLE MASS (kg) 9 9 9 9 9
43 48

IF SEPARATE REPORT WAS MADE,
GIVE VEHICLE NUMBER 0

NUMBER OF OCCUPANTS 0 1
(ENTER 9'S IF UNKNOWN) 51

TRAVELING SPEED (km/h) 0 0 0
54

- (000) PARKED OR STOPPED
- (995) JUST STARTING UP
- (996) BACKING UP
- (997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
- (998) SPEED EXCESSIVE (BUT UNKNOWN)
- (999) UNKNOWN

HIGHEST POLICE INJURY SEVERITY
CODE FOR THIS VEHICLE

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING INJURY
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO ACCIDENT
- (7) NON-FATAL INJURY
SEVERITY UNKNOWN
- (8) UNOCCUPIED VEHICLE
(NOT APPLICABLE)
- (9) UNKNOWN

VEHICLE TYPE

PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP CAR
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

Z 0

56 57

MULTIPURPOSE PASSENGER VEHICLE

- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",
E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107",
E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) VAN
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)
- (99) UNKNOWN

WHEELBASE (cm)

(999) UNKNOWN

9 9 9

58 59 60

Duplicate columns 1-8
from the previous card.

Module O
9 V
10 Format 0
11 2
12

OTHER VEHICLE

OV-2

ORIGINAL SPECIFICATIONS

Wheelbase 999 cm

Front Overhang

9 9 9 cm
22 24

Curb Weight 9999 kg

Rear Overhang

9 9 9 cm
25 27

Average Track Width 9 9 9 cm
13 15

Undeformed End Width (UEW)
28 30

Overall Length 9 9 9 cm
16 18

Engine Displacement

9 . 9 L
31 32

Overall Width (OAW) 9 9 9 cm
19 21

Engine: # of Cylinders

9 9
33 34

VEHICLE DAMAGE

Not inspected

FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) 9 9 9 cm
35 37

Front-End Overlap (Percent) = DDL _____
UEW

9 9%
38 39

Vehicle Overlap (Percent) = DDL + 1/2(OAW - UEW) _____
OAW

9 9%
40 41

Duplicate columns 1-8
from the previous card.

Module O V Format 0 4
9 10 11 12

OTHER VEHICLE

OV-1

MAKE: GMC

CARGO: _____

MODEL: Unknown Pickup

VIN

13

29

MANUFAC/BODY CODE

0 1 6 1 3
30 34

MAKE/MODEL CODE

3 0 9 9
38

MODEL YEAR

1 9 9 9
39 42

VEHICLE MASS (kg)

9 9 9 9 9 9
43 48

IF SEPARATE REPORT WAS MADE,
GIVE VEHICLE NUMBER

0

NUMBER OF OCCUPANTS
(ENTER 9'S IF UNKNOWN)

0 1
61

TRAVELING SPEED (km/h)

9 9 9
54

- (000) PARKED OR STOPPED
- (995) JUST STARTING UP
- (996) BACKING UP
- (997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
- (998) SPEED EXCESSIVE (BUT UNKNOWN)
- (999) UNKNOWN

HIGHEST POLICE INJURY SEVERITY
CODE FOR THIS VEHICLE

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING INJURY
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO ACCIDENT
- (7) NON-FATAL INJURY
SEVERITY UNKNOWN
- (8) UNOCCUPIED VEHICLE
(NOT APPLICABLE)
- (9) UNKNOWN

VEHICLE TYPE

PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP CAR
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

1 3
56 57

MULTIPURPOSE PASSENGER VEHICLE

- (14) SMALL UTILITY (WHEELBASE LESS THAN 107',
E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107',
E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) VAN
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOOSTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)
- (99) UNKNOWN

WHEELBASE (cm)
(999) UNKNOWN

9 9 9
58 59 60

Duplicate columns 1-8
from the previous card.

Module O
9 V
10 Format 0
11 2
12

OTHER VEHICLE OV-2

ORIGINAL SPECIFICATIONS

Wheelbase 999 cm

Front Overhang

9 9 9 cm
22 24

Curb Weight 9999 kg

Rear Overhang

9 9 9 cm
25 27

Average Track Width 999 cm
13 15

Undeformed End Width (UEW)

999 cm
28 30

Overall Length 999 cm
16 18

Engine Displacement

9 . 9 L
31 32

Overall Width (OAW) 999 cm
19 21

Engine: # of Cylinders

9 4
33 34

VEHICLE DAMAGE

Not inspected

FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL)

9 9 9 cm
35 37

Front-End Overlap (Percent) = DDL _____

9 9%
38 39

Vehicle Overlap (Percent) = DDL + 1/2 (OAW - UEW) _____

9 9%
40 41

Duplicate columns 1-8
from the previous card.

Module V 9 D 10 Format 0 11 4 12

VEHICLE DESCRIPTION VD-1

MAKE: Chevrolet
MODEL: Blazer 65 4x4, 4-door SUV

CARGO: children toys and food 10 kg

VIN

1 G N D T 1 3 W 6 W Z

13

29

MANUF/BODY CODE

1 1 3 1 5

30

34

MAKE/MODEL CODE

2 9 3 3

38

MODEL YEAR

1 9 9 8

39

42

VEHICLE MASS (kg)

0 0 1 8 3 7

43

48

ODOMETER (km)

(ENTER 9'S IF UNKNOWN)

(ENTER 8'S IF ELECTRONIC)

8 8 8 8 8 8

49

54

NUMBER OF OCCUPANTS

0

(ENTER 9'S IF UNKNOWN)

1

56

TRAVELING SPEED (km/h)

9 9 9

59

(000) PARKED OR STOPPED

(995) JUST STARTING UP

(996) BACKING UP

(997) SPEED NOT EXCESSIVE (BUT UNKNOWN)

(998) SPEED EXCESSIVE (BUT UNKNOWN)

(999) UNKNOWN

VEHICLE TYPE

PASSENGER VEHICLE

(11) 2-DOOR HARDTOP (NO UPPER B-PILLAR)

(12) 2-DOOR SEDAN OR COUPE
(ANY UPPER B-PILLAR)

(13) 4-DOOR HARDTOP

(14) 4-DOOR SEDAN

(15) STATION WAGON

(16) CONVERTIBLE

(18) OTHER PASS. VEH. :

(19) PASSENGER VEHICLE, TYPE UNKNOWN

2 2

60 61

MULTIPURPOSE PASSENGER VEHICLE

(21) SMALL UTILITY (E.G. JEEP, SCOUT, BRONCO)

(22) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)

(23) VAN, SIZE UNKNOWN

(24) VAN, SMALL (MINI)

(25) VAN, LARGE

(29) MPV, TYPE UNKNOWN

(30) MOTOR HOME

TRUCK

(31) PICKUP TRUCK, UNKNOWN

(32) PICKUP TRUCK, SMALL (DOWNSIZED)

(33) PICKUP TRUCK, LARGE

(99) UNKNOWN

3

65

STOLEN VEHICLE

(0) NO

(1) YES

(8) NOT COLLECTED

(9) UNKNOWN

8

62

BODY STRUCTURE

(1) BODY & FRAME

(2) UNITIZED

(3) INTEGRAL-STUB FRAME

(4) BODY & PLATFORM FRAME
(E.G. VW BUG)

(5) PARTIALLY UNITIZED

(7) OTHER: _____

(9) UNKNOWN

1

63

TRANSMISSION

(0) NONE

(1) AUTOMATIC

(2) MANUAL

(9) UNKNOWN

1

64

LOCATION OF TRANSMISSION
SELECTOR LEVER

(1) FLOOR

(2) CONSOLE

(3) COLUMN

(7) OTHER: _____

(9) UNKNOWN

3

65

STEERING

(1) POWER

(2) MANUAL

(9) UNKNOWN

1

66

BRAKES

(1) POWER

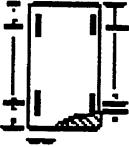
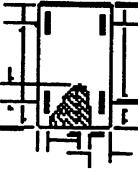
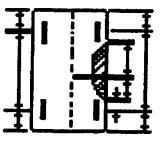
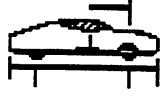
(2) MANUAL

(9) UNKNOWN

1

67

VEHICLE DESCRIPTION VD-2

TYPE OF BRAKES (1) DRUM, ALL WHEELS (2) DISC, FRONT WHEELS (3) DISC, ALL WHEELS (9) UNKNOWN	<u>2</u> 68	WHEELBASE (cm) (999) Unknown	<u>2</u> 76 77 78
BRAKE ANTI-LOCK DEVICE (0) NONE INSTALLED (1) TWO-WHEEL (2) FOUR-WHEEL (7) EQUIPPED, UNKNOWN WHEELS (9) UNKNOWN	<u>2</u> 69	PLASTIC ANTI-LACERATIVE INNER LAYER GLASS EQUIPPED (0) NONE (1) WINDSHIELD (2) WINDSHIELD AND SIDE (7) OTHER (9) UNKNOWN	<u>0</u> 79
AIR CONDITIONING IN VEHICLE (0) NO (1) YES (8) NOT COLLECTED (9) UNKNOWN	<u>8</u> 70		
TYPE OF DRIVE (1) REAR WHEEL (2) FRONT WHEEL (3) FOUR WHEEL (4) ALL WHEEL DRIVE (9) UNKNOWN	<u>1</u> 71	FIELD INVESTIGATOR INSTRUCTIONS: 1. INDICATE CRUSHED AREAS BY OUT-LINING NEW PERIMETER OF VEHICLE AND SHADING THE DAMAGED AREAS ON THE LARGE SKETCH ON PAGE VD-3. USE AS MANY SKETCHES AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE. 2. ENTER THE DIMENSIONS ON THE SKETCH(ES) MEASURED TO THE POINT OF MAXIMUM PENETRATION BY THE OBJECT(S) CONTACTED. USE THE EXAMPLES BELOW AS A GUIDE. 3. ENTER THE THREE DIMENSIONS TO THE CENTER OF THE WHEELS (WHEELBASE, FRONT AND REAR OVERHANGS) ON BOTH SIDES OF THE CAR. 4. ADD OTHER DIMENSIONS AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.	
DUAL REAR WHEELS (0) NO (1) YES (9) UNKNOWN	<u>0</u> 72	EXAMPLES:	
ORIGINAL TYPE OF RESTRAINT SYSTEM (1) ACTIVE BELT (2) PASSIVE BELT (3) AIRBAG (4) KNEE BOLSTERS (7) OTHER: _____ (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN	<u>3</u> 73	 FRONT OR REAR	 SIDE
EQUIPPED WITH ROLL BAR (0) NO (1) YES (9) UNKNOWN	<u>0</u> 74	 ROOF (REFERENCE TO TOP OF DOOR SILL OR WINDOW SILL)	
TYPE OF ROOF (0) NONE (1) SOLID (2) T-TOP CLOSED (3) T-TOP OPEN (4) SUN ROOF CLOSED (5) SUN ROOF OPEN (6) CONVERTIBLE CLOSED (7) CONVERTIBLE OPEN (8) OTHER: _____ (9) UNKNOWN	<u>1</u> 75		

Duplicate columns 1-8
from the previous card.

Module V D Format 0 2
 9 10 11 12

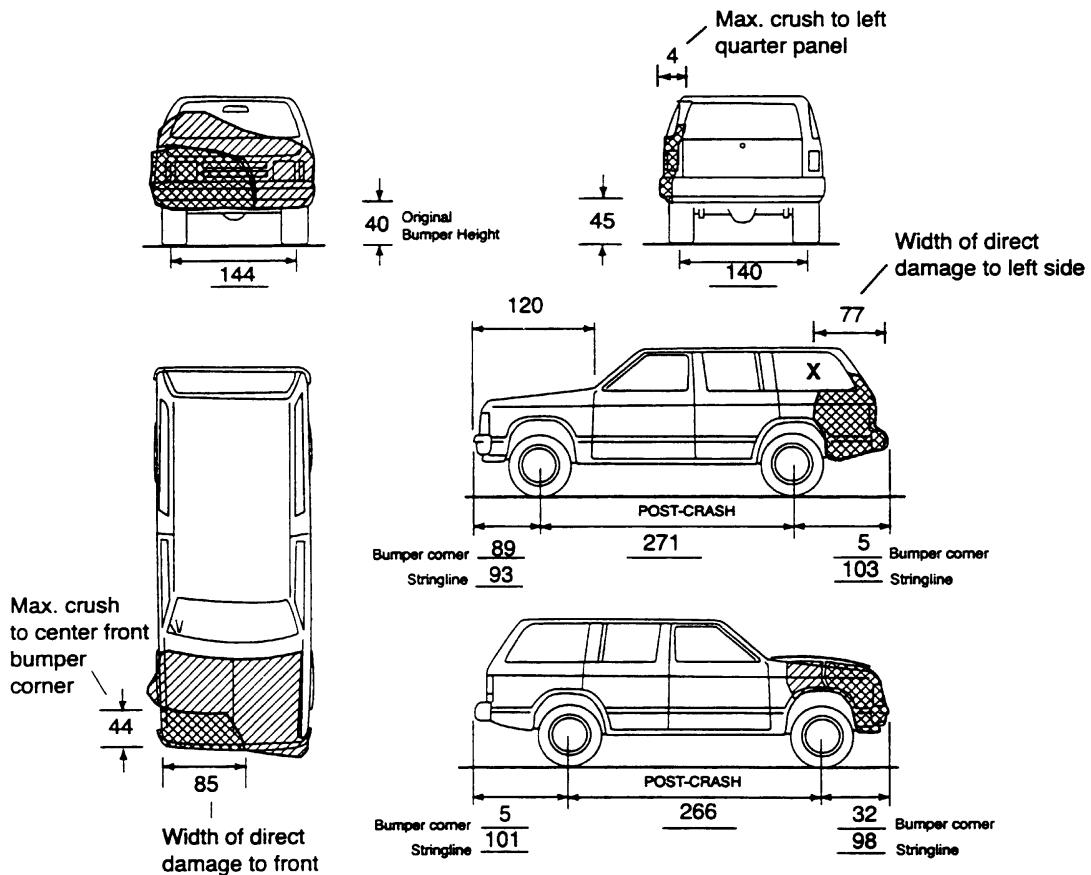
VEHICLE DESCRIPTION **VD-3**

ORIGINAL SPECIFICATIONS

Wheelbase	<u>272</u>	cm	Front Overhang	<u>088</u>	cm
				<u>22</u>	<u>24</u>
Curb Weight	<u>1837</u>	kg	Rear Overhang	<u>106</u>	cm
				<u>25</u>	<u>27</u>
Average Track Width	<u>142</u>	cm	Undeformed End Width (UEW)	<u>150</u>	cm
	<u>13</u>	<u>15</u>		<u>28</u>	<u>30</u>
Overall Length	<u>466</u>	cm	Engine Displacement	<u>4.3</u>	L
	<u>16</u>	<u>18</u>		<u>31</u>	<u>32</u>
Overall Width (OAW)	<u>172</u>	cm	Engine: # of Cylinders	<u>06</u>	
	<u>19</u>	<u>21</u>		<u>33</u>	<u>34</u>

VEHICLE DAMAGE

MEASUREMENTS IN CENTIMETERS



FRONTAL CRASH OVERLAP

Round up for .5. $.98 = 98\%$ or more
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) 0 8 5 cm
 .35 .37

Front-End Overlap (Percent) = DDL / UEW

57 %
38 39

$$\text{Vehicle Overlap (Percent)} = \frac{\text{DDL} + 1/2(\text{OAW} - \text{UEW})}{\text{OAW}} \quad \underline{\hspace{10cm}}$$

56%
40 41

Duplicate columns 1-8
from the previous card.

Module D A **Format** 0 2
9 10 11 12

DAMAGE DA-1

Duplicate columns 1-8
from the previous card.

Module D A **Format** 0 3
9 10 11 12

CODES

EVENT NUMBER	IMPACT SPEED ESTIMATOR	CRUSH
(8) NOT APPLICABLE (9) UNKNOWN	(1) INVESTIGATOR (2) DRIVER (3) POLICE (4) "CRASH" PROGRAM (5) OTHER COMPUTER PROGRAM SPECIFY: _____ (7) OTHER: _____ (8) NOT APPLICABLE (NO VEHICLE/NO IMPACT)	(998) NOT APPLICABLE (NO VEHICLE/DAMAGE) (999) UNKNOWN CDC (9800000) NOT APPLICABLE (9900000) UNKNOWN
IMPACT SPEED		
(998) NOT APPLICABLE (999) UNKNOWN		

Duplicate columns 1-8
from the previous card.

Module D
9 A
10 Format O
11 1
12

DAMAGE DA-2

MAXIMUM SHEET METAL CRUSH

(cm) (999) UNKNOWN

FRONT 0 4 8
13 15

RIGHT SIDE 0 0 0
16 18

REAR 0 0 0
19 21

LEFT SIDE 0 0 4
22 24

ROOF 0 0 0
25 27

OTHER 0 0 0
28 30

CHRONOLOGICAL SEQUENCE OF DAMAGE/INJURY PRODUCING CRASH EVENTS FOR CASE VEHICLE

NOTE: IF CHRONOLOGICAL ORDER
IS UNKNOWN, EVENT
ORDER IS OPTIONAL.

DO YOU KNOW THIS TABLE
TO BE IN CHRONOLOGICAL ORDER?

31

(0) NO
(1) YES

EVENT NUMBER	IMPACT LOCATION (1) ON ROADWAY (2) SHOULDER/MEDIAN/GORE (3) ON ROADSIDE (4) OUTSIDE ROADSIDE RIGHT-OF-WAY (5) OTHER (6) OFF ROADWAY, LOC. UNK. (9) UNKNOWN	IMPACT CONFIGURATION FOR CODES, SEE TABLE ON PAGE DA-3.	OBJECT/VEHICLE CONTACTED FOR CODES, SEE TABLE ON PAGE DA-4.
# 1	<u>1</u> <u>32</u>	<u>14</u> <u>34</u>	<u>20</u> <u>36</u>
#2	<u>1</u> <u>37</u>	<u>26</u> <u>39</u>	<u>13</u> <u>41</u>
#3	<u>—</u> <u>42</u>	<u>—</u> <u>44</u>	<u>—</u> <u>46</u>
#4	<u>—</u> <u>47</u>	<u>—</u> <u>49</u>	<u>—</u> <u>51</u>
#5	<u>—</u> <u>52</u>	<u>—</u> <u>54</u>	<u>—</u> <u>56</u>
#6	<u>—</u> <u>57</u>	<u>—</u> <u>59</u>	<u>—</u> <u>61</u>
#7	<u>—</u> <u>62</u>	<u>—</u> <u>64</u>	<u>—</u> <u>66</u>

**CODES FOR
IMPACT CONFIGURATION****FRONT OF CASE VEHICLE**

- (11) AND FRONT OF CONTACTED VEHICLE
- (13) AND SIDE OF CONTACTED VEHICLE
- (14) AND REAR OF CONTACTED VEHICLE
- (16) ENDSWIPE BY CONTACTED VEHICLE
- (17) AND OBJECT
- (19) AND UNKNOWN OTHER VEHICLE CONFIGURATION

LEFT SIDE OF CASE VEHICLE

- (21) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (22) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (23) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (24) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (25) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (26) SIDESWIPE BY CONTACTED VEHICLE
- (27) AND OBJECT
- (29) AND UNKNOWN OTHER VEHICLE CONFIGURATION

REAR OF CASE VEHICLE

- (31) AND FRONT OF CONTACTED VEHICLE
- (33) AND SIDE OF CONTACTED VEHICLE
- (34) AND REAR OF CONTACTED VEHICLE
- (36) ENDSWIPE BY CONTACTED VEHICLE
- (37) AND OBJECT
- (39) AND UNKNOWN OTHER VEHICLE CONFIGURATION

RIGHT SIDE OF CASE VEHICLE

- (41) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (42) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (43) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (44) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (45) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (46) SIDESWIPE BY CONTACTED VEHICLE
- (47) AND OBJECT
- (49) AND UNKNOWN OTHER VEHICLE CONFIGURATION

OTHER

- (57) VEHICLE TO OBJECT
- (58) VEHICLE TO VEHICLE
- (59) VEHICLE TO VEHICLE, CONFIGURATION UNKNOWN

ROLLOVER

- (61) LESS THAN 360°
- (62) 360° OR MORE
- (69) DETAILS UNKNOWN

UNKNOWN

- (99) IMPACT TYPE UNKNOWN

CODES FOR VEHICLE/OBJECT CONTACTED

VEHICLE/OBJECT GROUPS

- (00) NO OBJECT
- (01) - (39) PASSENGER VEHICLE & TRUCK
- (40) - (69) OTHER VEHICLE
- (70) - (76) PEDESTRIAN & ON-ROADWAY OBJECT
- (77) - (97) OFF-ROADWAY OBJECT
- (98) OTHER (DESCRIBE)
- (99) UNKNOWN

PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

SIZE

WHEELBASE

SUB-MINI	< 2286 mm (< 90")
MINI	2286 - 2412 mm (90" - 94.9")
SUB-COMPACT	2413 - 2539 mm (95" - 99.9")
COMPACT	2540 - 2666 mm (100" - 104.9")
INTERMEDIATE	2667 - 2793 mm (105" - 109.9")
FULL	2794 - 2920 mm (110" - 114.9")
LARGE	2921 - 3174 mm (115" - 124.9")
LIMOUSINE	> 3175 mm (> 125")

MULTIPURPOSE PASSENGER VEHICLE

- (11) SMALL VAN (MINI)
- (12) PICKUP
- (14) SMALL UTILITY (WHEELBASE LESS THAN 107", E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107", E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) SMALL VAN (E.G. ECONOLINE)
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)

MOTORCYCLE

- (50) UNKNOWN MOTORCYCLE TYPE
- (51) 1 - 75 cc
- (52) 76 - 125 cc
- (53) 126 - 250 cc
- (54) 251 - 500 cc
- (55) 501 - 750 cc
- (56) 751 cc +
- (57) 3-WHEELS (OR WITH SIDECAR)

SPECIAL PURPOSE VEHICLE

- (60) UNKNOWN/OTHER SPECIAL VEHICLE (DESCRIBE)
- (61) SNOWMOBILE
- (62) ATV (ALL TERRAIN VEHICLE)
- (63) AMPHIBIOUS VEHICLE
- (64) FARM VEHICLE
- (65) CONSTRUCTION VEHICLE
- (66) TRAILER, PRIVATE (CAMPER)
- (67) TRAILER, COMMERCIAL (CARGO)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)

OBJECT

- (70) PEDESTRIAN
- (71) BICYCLIST, OTHER PEDALCYCLIST
- (72) PEDESTRIAN CONVEYANCE (E.G. PERSON RIDING ANIMAL, CART)
- (73) LARGE ANIMAL
- (74) FALLEN OBJECT (E.G. OBJECT DISLODGED FROM OTHER VEHICLE, FALLEN TREE, ROCKS)
- (75) ROCKS
- (76) CONSTRUCTION EQUIPMENT (EXCLUDING (65))
- (77) SIGN POST, UTILITY POLE, TREE
- (78) DITCH
- (79) EMBANKMENT, SNOWBANK, RR TRACKS RR X
- (80) GROUND (ROLLOVER ONLY)
- (81) CURB (DAMAGE PRODUCING IMPACTS ONLY)
- (82) CULVERT
- (83) FENCE
- (84) HYDRANT, SHORT POST, STUMP
- (85) SMALL POST/TREE, RURAL MAIL BOX, MILE MARKER, DELINEATOR
- (86) BUILDING
- (87) PIER, PILLAR, BRIDGE SUPPORT
- (88) ABUTMENT, RETAINING WALL
- (89) BRIDGE RAIL
- (90) GUARD RAIL, LEADING SECTION
- (91) GUARD RAIL, MIDDLE OR UNKNOWN
- (92) GUARD RAIL, TRAILING SECTION
- (93) GUARD POST (TIMBER, METAL, CONCRETE)
- (94) CABLE, FENCE BARRIER
- (95) CONCRETE BARRIER (MEDIAN)
- (96) IMPACT ATTENUATOR
- (97) BREAKAWAY FEATURES

Duplicate columns 1-8
from the previous card.

Module C 9 R 10 Format 0 1 11 12

CRASH RECONSTRUCTION CR-1
for ΔV

	CASE VEHICLE PRIMARY IMPACT		CASE VEHICLE SECONDARY IMPACT	
	CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE
EVENT NUMBER	<u>1</u> 13	Veh (B)	<u>2</u> 47	Veh (C)
ΔV (km/h) TOTAL	<u>9</u> — 14 15 16	<u>9</u> — 32 33 34	<u>9</u> — 48 49 50	<u>9</u> — 66 67 68
LONGITUDINAL *	<u>9</u> — 17 — 20	<u>9</u> — 35 — 38	<u>9</u> — 51 — 54	<u>9</u> — 69 — 72
LATERAL *	<u>9</u> — 21 — 24	<u>9</u> — 39 — 42	<u>9</u> — 55 — 58	<u>9</u> — 73 — 76
NOTE: THESE ΔV COMPONENTS MUST INCLUDE SIGN.				
EXAMPLES: 10 km/h = <u>+0 1 0</u> -7 km/h = <u>-0 0 7</u>				
ENERGY DISSIPATED BY CRUSH (kj)	<u>9</u> — 25 — 28	<u>9</u> — 43 — 46	<u>9</u> — 59 — 62	<u>9</u> — 77 — 80
RECONSTRUCTION	<u>1</u> <u>2</u> 29 30		<u>0</u> <u>8</u> 63 64	
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL				
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL				
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL				
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL				
NOT RECONSTRUCTED BECAUSE				
(02) INSUFFICIENT DATA				
(03) EXCESSIVE UNDERRIDE/ OVERRISE				
(04) ROLLOVER				
(05) VAULTING				
(06) OTHER TRAVEL IN MORE THAN ONE PLANE				
(07) NON-HORIZONTAL FORCE				
(08) SIDESWIPE-TYPE DAMAGE				
(09) YIELDING OBJECT				
(10) OTHER: _____				
(11) AT LEAST ONE VEHICLE BEYOND SCOPE				
(12) OTHER VEHICLE NOT INSPECTED				
MODE		<u>5</u> 31		<u>5</u> 65
(1) CDC ONLY				
(2) CDC & DETAILED DAMAGE				
(3) TRAJECTORY & CDC				
(4) TRAJECTORY & CDC & DETAILED DAMAGE				
(5) NOT RECONSTRUCTED				
COMPUTER PROGRAM SPECIFY: _____				

Duplicate columns 1-8
from the previous card.

Module C R Format 0 2
 9 10 11 12

CRASH RECONSTRUCTION CR-2
for EBS

		CASE VEHICLE PRIMARY IMPACT		CASE VEHICLE SECONDARY IMPACT		
		CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE	
		<u>1</u> 13	Veh (B)	<u>2</u> 47	Veh (C)	
EVENT NUMBER	EBS (km/h)	TOTAL	<u>0 3 5</u> 14 15 16	<u>9</u> — 32 33 34	<u>9</u> — 48 49 50	<u>9</u> — 66 67 68
		LONGITUDINAL*	<u>- 0 3 5</u> 17 20	<u>9</u> — 35 38	<u>9</u> — 51 54	<u>9</u> — 69 72
		LATERAL*	<u>- 0 0 6</u> 21 24	<u>9</u> — 39 42	<u>9</u> — 55 58	<u>9</u> — 73 76
	*NOTE: THESE EBS COMPONENTS MUST INCLUDE SIGN.					
	EXAMPLES: 10 km/h = ± 0 1 0 -7 km/h = - 0 0 7					
ENERGY DISSIPATED BY CRUSH (kJ)			<u>0 0 9 4</u> 25 28	<u>9</u> — 43 46	<u>9</u> — 59 62	<u>9</u> — 77 80
RECONSTRUCTION						
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL			<u>2 2</u> 29 30		<u>0 8</u> 63 64	
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL						
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL						
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL						
NOT RECONSTRUCTED BECAUSE						
(02) INSUFFICIENT DATA						
(03) EXCESSIVE UNDERRISE/ OVERRISE						
(04) ROLLOVER						
(05) VAULTING						
(06) OTHER TRAVEL IN MORE THAN ONE PLANE						
(07) NON-HORIZONTAL FORCE						
(08) SIDESWIPE-TYPE DAMAGE						
(09) YIELDING OBJECT						
(10) OTHER: _____						
(11) AT LEAST ONE VEHICLE BEYOND SCOPE						
(12) OTHER VEHICLE NOT INSPECTED						
MODE			<u>2</u> 31		<u>5</u> 65	
(1) CDC ONLY						
(2) CDC & DETAILED DAMAGE						
(3) TRAJECTORY & CDC						
(4) TRAJECTORY & CDC & DETAILED DAMAGE						
(5) NOT RECONSTRUCTED						
COMPUTER PROGRAM SPECIFY: <u>WINSMASH</u>						

Duplicate columns 1-8
from the previous card.

Module C R Format 0 3
9 10 11 12

CRASH RECONSTRUCTION CR-3

NOTES: 1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.

2. MEASURE C_1 TO C_6 FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.

3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.

4. USE THE CENTER OF THE WHEELBASE AS THE CG.

CASE VEHICLE

LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L
1	65 cm undamaged at left BC Front bumper BC to BC	
2	Begin at rear BC -77 cm forward	SAME

VEN = 150

PLANE:
 (1) Bumper
 (2) Above Bumper
 (3) Sill
 (4) Above Sill
 (5) Other _____
 (9) Unknown

DL 85
 UDL 65

CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C_1	C_2	C_3	C_4	C_5	C_6	$\pm D$
		Length (DDL)	Max Crush								
1	1	85	50	135	4	11	23	50	52	61	+43
			-2		-17	-9	-2	-2	-9	-17	
1	1	085	048	135	000	002	021	048	043	044	+043
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2	4	77	4	77							
2	4	077	004	077	999	999	999	999	999	999	+999

Duplicate columns 1-8
from the previous card.

Module C 9 R 10 Format 0 11 4 12

CRASH RECONSTRUCTION CR-4

NOTES:

1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.
2. MEASURE C_1 TO C_6 FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.
3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.
4. USE THE CENTER OF THE WHEELBASE AS THE CG.

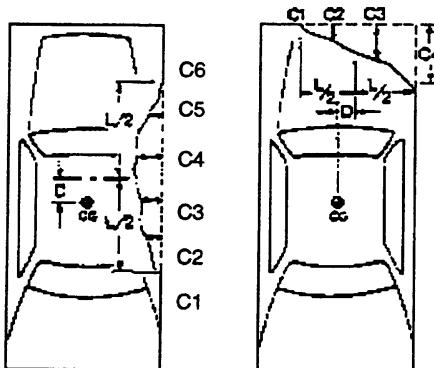
OTHER VEHICLE LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L

PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other _____
- (9) Unknown



DL _____
UDL _____

CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C ₁	C ₂	C ₃	C ₄	C ₅	C ₆	±D
		Length (DDL)	Max Crush								
1											
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2											

Duplicate columns 1-8
from the previous card.

Module W
9 T
10 Format 0
11 1
12

WHEELS AND TIRES

WT-1

WHEELS--DAMAGED

(0) NO
(1) YES
(9) UNKNOWN

Flat —

LF 0
 13
RF 0
 13
RR 0
 13
LR 0
 16

SIZE (NOT DOT CODE. IF UNKNOWN, USE 9'S)

LF P 2 3 5 7 0 R 1 5
 25
RF — — — — — — — —
RR — — — — — — — —
LR — — — — — — — 55

TIRE TREAD TYPE

(1) REGULAR
(2) SNOW
(3) SLICKS
(4) ALL WEATHER (MS)
(7) OTHER: _____
(9) UNKNOWN

LF 4
 17
RF 4
 17
RR 4
 17
LR 4
 20

CARCASS CONSTRUCTION

(1) BIAS
(2) BELTED BIAS
(3) RADIAL
(4) ELLIPTICAL
(5) HI PRESSURE SPARE
(6) SPACE SAVER SPARE
(7) OTHER: _____
(9) UNKNOWN

LF 3
 21
RF 3
 21
RR 3
 21
LR 3
 24

IF VEHICLE IS EQUIPPED WITH DUAL
WHEELS, COMPLETE FOR OUTER WHEELS
AND MAKE NOTES ON INNER WHEELS.

NOTES: _____

Duplicate columns 1-8
from the previous card.

Module F
9 T
10 Format 0
11 1
12

FUEL AND FUEL TANKS FT-1

TYPE OF PROPULSIVE FUEL

- (1) GASOLINE
- (2) DIESEL OIL
- (3) LPG
- (4) ELECTRIC
- (7) OTHER: _____
- (9) UNKNOWN

1
13

AUXILIARY TANK TYPE

- (1) OEM TANK
- (2) AFTER MARKET TANK
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

9
21

MAIN TANK LOCATION

322
14 16

AUXILIARY TANK LOCATION

888
22 24

MAIN FILLER CAP LOCATION

113
17 19

AUXILIARY FILLER CAP LOCATION

888
25 27

MAIN TANK MATERIAL

3
20

AUXILIARY TANK MATERIAL

8
28

TANK AND FILLER CAP LOCATION CODES

FIRST DIGIT (LONGITUDINAL)

- (1) BEHIND KICK-UP
- (2) IN KICK-UP
- (3) BETWEEN KICK-UP & COWL
- (4) FORWARD OF COWL
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

SECOND DIGIT (LATERAL)

- (1) LEFT OF FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) RIGHT OF FRAME
- (4) DUAL, RIGHT & LEFT TANKS
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

THIRD DIGIT (VERTICAL)

- (1) BELOW FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) ABOVE FRAME
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

TANK MATERIAL CODES

- (1) STEEL
- (2) ALUMINUM
- (3) PLASTIC
- (7) OTHER
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module F 9 L 10 Format 0 11 1 12

FUEL LEAKAGE FL-1

DID FUEL LEAKAGE RESULT FROM A CRASH EVENT

(0) NO KNOWN LEAKAGE SKIP PAGE.

0
13

(1) YES COMPLETE PAGE.

LEAK NUMBER	I LEAKING COMPONENT	II COMPONENT SOURCE	III TYPE OF DAMAGE	IV SEVERITY OF DAMAGE	V LOCATION OF LEAK	EVENT NUMBER
#1	14 15	—	—	—	—	21
#2	22 23	—	—	—	—	29
#3	30 31	—	—	—	—	37
#4	38 39	—	—	—	—	45
#5	46 47	—	—	—	—	53

I LEAKING COMPONENT

TANK AREA

- (11) MAIN FUEL TANK (INCLUDING VAPOR RECOVERY DOME)
- (12) AUXILIARY FUEL TANK
- (13) MAIN TANK FILLER TUBE
- (14) MAIN TANK CAP (GAS CAP)
- (15) AUXILIARY TANK FILLER TUBE
- (16) AUXILIARY TANK CAP (GAS CAP)
- (19) TANK AREA, DETAILS UNKNOWN

DELIVERY SYSTEM

- (21) FUEL FEED LINE (MAIN TANK TO FUEL PUMP)
- (22) FUEL FEED LINE (AUXILIARY TANK TO FUEL PUMP)
- (23) FUEL RETURN LINE (FUEL PUMP TO TANK)
- (24) INLINE FUEL FILTER
- (25) FUEL LINE (PUMP TO CARBURETOR OR INJECTOR PUMP)
- (26) CARBURETOR TO INJECTOR PUMP
- (27) FUEL PUMP
- (29) DELIVERY SYSTEM, DETAILS UNKNOWN

EVAPORATIVE EMISSION CONTROL SYSTEM

- (31) ATMOSPHERIC VENT PIPE (NON-EEC EQUIPPED)
- (32) EEC PIPE (VAPOR CANISTER TO CARBURETOR)

EEC SYSTEM (CONTINUED)

- (33) VAPOR RECOVERY HOSES (CANISTER TO CARBURETOR)
- (34) LIQUID-VAPOR SEPARATOR (UNLESS PART OF TANK)
- (35) CANISTER
- (39) EEC SYSTEM, DETAILS UNKNOWN

- (49) ENGINE COMPARTMENT, COMPONENT UNKNOWN
- (99) COMPONENT UNKNOWN

II COMPONENT SOURCE

- (1) OEM
- (2) AFTER MARKET
- (9) UNKNOWN

III TYPE OF DAMAGE

- (1) DENTED/CRUSHED
- (2) PUNCTURED
- (3) RUPTURED
- (4) SEVERED/GROSS TEARS
- (5) DISCONNECTED/DEFEATED
- (9) UNKNOWN

IV SEVERITY OF DAMAGE

- (1) MINOR
- (2) MODERATE
- (3) SEVERE
- (4) DISCONNECTED/DEFEATED
- (9) UNKNOWN

V LOCATION OF LEAK

FIRST DIGIT (LONGITUDINAL LOCATION)

- (1) F, FORWARD OF COWL
- (2) P, BETWEEN COWL & REAR BULKHEAD
- (3) B, BEHIND REAR BULKHEAD
- (4) Y, F, & P
- (5) Z, P, & B
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

SECOND DIGIT (LATERAL LOCATION)

- (1) L, LEFT
- (2) C, CENTER
- (3) R, RIGHT
- (4) Y, LEFT CENTER (L & C)
- (5) Z, RIGHT CENTER (R & C)
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module F R Format 0 1
 9 10 11 12

FIRE FR-1

WAS THERE FIRE IN OR ON CASE VEHICLE?

(0) NO SKIP PAGE.
(1) YES COMPLETE PAGE.

O
13

DID FIRE START IN CASE VEHICLE?

(0) NO
(1) YES
(9) UNKNOWN

—
14

SEVERITY OF FIRE DAMAGE

(1) MINOR
(2) MODERATE
(3) SEVERE
(9) UNKNOWN

—
16

FLAME PROPOGATION RATE

(1) RAPID/EXPLOSIVE
(2) SLOW/MODERATE
(9) UNKNOWN

—
15

DID AN INJURY TO CASE
VEHICLE OCCUPANT RESULT FROM
FIRE IN OR ON CASE VEHICLE?

(0) NO
(1) YES
(9) UNKNOWN

—
17

PROVIDE NOTES IF FIRE OCCURRED.

Duplicate columns 1-8
from the previous card.

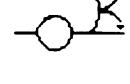
Module E
9 D Format 0
10 11 12

EXTERIOR DAMAGE

ED-1

HOOD PERFORMANCE			STEERING COL FLEXIBLE COUPLING		
FOR THE FOLLOWING, USE CODES:			FLEXIBLE COUPLING TYPE		
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN			(0) NONE (1) FLEXIBLE MATERIAL (2) POT (3) SINGLE U-JOINT (4) DOUBLE U-JOINT (5) FLEXIBLE CABLE (6) COMBINATION OF ABOVE (CIRCLE EACH) (7) OTHER: _____ (8) EQUIPPED, TYPE UNKNOWN (9) UNKNOWN, IF EQUIPPED		
HOOD LATCH(ES)-	-RELEASED	0	COUPLING-	-DAMAGED	9 26
	-DAMAGED	1		-SEPARATED (COMPLETE)	9 27
	-JAMMED	1			9 28
HOOD HINGES-	-LEFT, DAMAGED	1			
	-LEFT, SEPARATED (COMPLETE)	0			
	-RIGHT, DAMAGED	1			
	-RIGHT, SEPARATED (COMPLETE)	0			
HOOD REMAINED ON VEHICLE		1			
REAR EDGE OF HOOD-	-ELEVATED	1	TYPE OF UNIT		
<i>Cowl contact</i>	-CONTACTED WINDSHIELD	0	(00) NONE INSTALLED (01) - (07) SEE UNITS ON PAGE ED-2 (88) NOT COLLECTED (97) OTHER: _____ (98) EQUIPPED, TYPE UNKNOWN (99) UNKNOWN IF EQUIPPED	8 29	8 30
	-PENETRATED WINDSHIELD	8			
HOOD LATCH LOCATION		1	ORIGINAL LENGTH (mm)		
(1) FRONT OF VEHICLE (2) COWL AREA (3) SIDE (8) NOT APPLICABLE (9) UNKNOWN		21	F (OR H): _____		
		0			
		8	TELESCOPED LENGTH (mm)		
		23	G: _____		
ENGINE OR TRANSMISSION MOUNT		1	DIFFERENCE (mm)		
SEPARATION (COMPLETE)		24	F (OR H) - G		
(0) NO (1) YES (9) UNKNOWN			(IF LESS THAN 15mm, ENTER "000".)		
		25	(888) NOT COLLECTED (991) NOT MEASURED/NO COMPRESSION (992) COMPRESSED, AMOUNT UNKNOWN (993) DEVICE EXTENDED (997) UNABLE TO BE MEASURED (998) NOT APPLICABLE (NOT EQUIPPED) (999) UNKNOWN	8 31	8 33

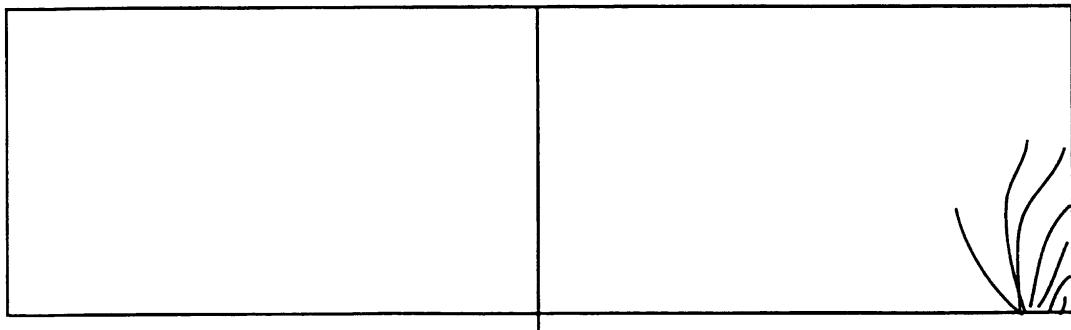
LEFT-SIDE BODY MOUNT		DID BODY MOUNT SEPARATE?	LEFT DOORS	
		(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	34	HOW DID DOORS OPEN DURING COLLISION?
LEFT PILLARS		PILLARS SEPARATED COMPLETELY -	USE CODES:	
		(0) NO (1) YES (4) NO SEPARATION, BUT DAMAGED (8) NOT APPLICABLE (<i>NOT EQUIPPED</i>) (9) UNKNOWN	35	(0) DOOR DID NOT OPEN OPENED BECAUSE OF
		-A-PILLAR, UPPER	36	(1) HINGE AREA SEPARATION (2) DOOR-LATCH SEPARATION (3) LATCH-STRIKER SEPARATION (4) STRIKER-PILLAR SEPARATION (5) BODY DISTORTION (6) COMBINATION OF ABOVE <i>(CIRCLE EACH)</i> (7) OPENED, REASON UNKNOWN
		LOWER	37	(8) NOT APPLICABLE (<i>NO DOOR</i>) (9) UNKNOWN
		-B-PILLAR, UPPER	38	-FRONT 43
		LOWER	39	-REAR 44
		-C-PILLAR, UPPER	40	DOORS JAMMED CLOSED-
		LOWER	41	USE CODES:
		-D-PILLAR, UPPER	42	(0) NO (1) YES (8) NOT APPLICABLE (<i>NO DOOR</i>) (9) UNKNOWN
		LOWER		-FRONT 45
				-REAR 46

<p>REAR DOOR</p> <p>REAR DOOR TYPE</p> <ul style="list-style-type: none"> (0) NO DOOR (INCLUDES PICKUPS) (1) HATCHBACK (2) ONE-WAY TAILGATE (3) TWO-WAY TAILGATE (4) CLAMSHELL/DISAPPEARING TAILGATE (5) SINGLE DOOR (6) DOUBLE DOOR (9) UNKNOWN <p>Hatchback </p> <p>One-way  </p> <p>Two-way  or </p> <p>Clamshell  </p> <p>Single door </p> <p>Double door </p> <p>HOW DID DOOR OPEN DURING COLLISION?</p> <ul style="list-style-type: none"> (0) DOOR DID NOT OPEN (1) HINGE AREA SEPARATION (2) DOOR-LATCH SEPARATION (3) LATCH-STRIKER SEPARATION (4) STRIKER-PILLAR SEPARATION (5) BODY DISTORTION (6) COMBINATION OF ABOVE <i>(CIRCLE EACH)</i> (7) OPENED, REASON UNKNOWN (8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN <p>DOOR JAMMED CLOSED</p> <ul style="list-style-type: none"> (0) NO (1) YES (8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN 	<p>Z 47</p>	<p>OTHER REAR DAMAGE</p> <p>WAS PARTITION TO LUGGAGE AREA DAMAGED DURING COLLISION?</p> <ul style="list-style-type: none"> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN <p>SPARE TIRE</p> <ul style="list-style-type: none"> (0) NO SPARE TIRE (1) NOT ATTACHED BEFORE COLLISION (2) ATTACHED, NOT SEPARATED IN COLLISION (3) ATTACHED, SEPARATED DUE TO COLLISION (8) NOT COLLECTED (9) UNKNOWN <p>TRAILER HITCH TYPE</p> <ul style="list-style-type: none"> (0) NO HITCH <p>BALL-AND-SOCKET TYPES</p> <ul style="list-style-type: none"> (1) TEMPORARY FRAMEWORK (E.G. RENTAL CLAMP-ON) (2) BUMPER-MOUNT ONLY (E.G. LIGHT TRUCK) (3) BUMPER-AND-FRAME (BUT NON-EQUALIZING) (4) LOAD EQUALIZING <p>OTHER TYPES</p> <ul style="list-style-type: none"> (5) RING-AND-PINTLE (6) FIFTH-WHEEL (INCL P/U) (7) OTHER (E.G. CLEVIS-AND-PIN) (8) EQUIPPED, TYPE UNKNOWN (9) UNKNOWN IF EQUIPPED <p>TRAILER TYPE (AT TIME OF COLLISION)</p> <ul style="list-style-type: none"> (0) NO TRAILER (1) TRAVEL-TRAILER/CAMPER (2) MOBILE HOME (3) BOAT/SNOWMOBILE/ATV TRAILER (4) UTILITY TRAILER (5) TOWED CAR (7) OTHER: _____ (8) TRAILER, TYPE UNKNOWN (9) UNKNOWN 	<p>S 50</p>
<p>OPENED BECAUSE OF</p>	<p>O 48</p>		<p>8 51</p>
<p>D 49</p>			<p>O 52</p>
			<p>O 53</p>

RIGHT-SIDE BODY MOUNT			RIGHT DOORS	
DID BODY MOUNT SEPARATE?		54	HOW DID DOORS OPEN DURING COLLISION?	
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN			USE CODES:	
PILLARS SEPARATED COMPLETELY -			(00) DOOR DID NOT OPEN OPENED BECAUSE OF	
USE CODES:			(01) HINGE AREA SEPARATION (02) DOOR-LATCH SEPARATION (03) LATCH-STRIKER SEPARATION (04) STRIKER-PILLAR SEPARATION (05) BODY DISTORTION (06) COMBINATION OF ABOVE (CIRCLE EACH) (07) OPENED, REASON UNKNOWN (11) VAN RIGHT-REAR DOOR OPENED (ANY MECHANISM)	
(0) NO (1) YES (4) NO SEPARATION, BUT DAMAGED (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN		4 55	(98) NOT APPLICABLE (NO DOOR) (99) UNKNOWN	-FRONT 63 64
-A-PILLAR, UPPER		4 56		-REAR 65 66
LOWER		0 57		
-B-PILLAR, UPPER		0 58	DOORS JAMMED CLOSED-	
LOWER		0 59	USE CODES:	
-C-PILLAR, UPPER		0 60	(0) NO (1) YES (8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN	-FRONT 67
LOWER		0 61		-REAR 68
-D-PILLAR, UPPER		0 62	VAN REAR DOOR TYPE	
LOWER			(0) VAN, NO REAR DOOR (1) TRACK (SLIDING) - RIGHT SIDE (2) SINGLE-HINGED - RIGHT SIDE (3) DOUBLE-HINGED - RIGHT SIDE (4) TRACK (SLIDING) - RIGHT & LEFT SIDE (5) SINGLE-HINGED - RIGHT & LEFT SIDE (6) DOUBLE-HINGED - RIGHT & LEFT SIDE (7) TRACK AND HINGED COMBINATION (8) NOT APPLICABLE (NOT A VAN) (9) UNKNOWN	8 69

WINDSHIELD DAMAGE			
WINDSHIELD CRACKED		70	WINDSHIELD MARK ON CASE VEHICLE:
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN			
WINDSHIELD BROKEN (PLASTIC INTERLAYER TORN)		71	SHADED SOLAR-RAY SAFETY FLO-LITE AS-1 3 LAMINATED C 1 DOT15 M10
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN			
CRACKED OR BROKEN BY OCCUPANT CONTACT		72	WINDSHIELD CODE (97) DESCRIBED BUT NOT CODED (98) NOT APPLICABLE (NO WINDSHIELD) (99) UNKNOWN
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN			
EXTENT OF BOND SEPARATION		73	ROOF DID T-ROOF/SUN ROOF OPEN DURING COLLISION? (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN
(0) NONE (1) 1 - 20% (2) 21 - 40 (3) 41 - 60 (4) 61 - 80 (5) 81 - 99 (6) TOTAL (7) SEPARATED, AMOUNT UNKNOWN (8) NOT APPLICABLE (9) UNKNOWN			

LOCATE AREA OF WINDSHIELD INTEREST OR DAMAGE WITH DIMENSIONS (VERTICAL & HORIZONTAL) ON THIS DIAGRAM OF THE WINDSHIELD AS VIEWED FROM INSIDE.



Cracked by cowl contact

L

C

R

STEERING WHEEL**STEERING WHEEL RIM DAMAGE**

(0) NONE
 (1) DEFORMED SLIGHTLY
 (2) SEVERELY BENT
 (3) BROKEN
 (9) UNKNOWN

0
13**NUMBER OF STEERING WHEEL SPOKES**

(9) UNKNOWN

4
14**STEERING WHL SPOKE DAMAGE**

(0) NONE
 (1) DEFORMED SLIGHTLY
 (2) SEVERELY BENT
 (3) BROKEN
 (9) UNKNOWN

0
15**STEERING COLUMN OPTIONS****TILT FEATURE**

(0) NOT EQUIPPED
 (1) YES, EQUIPPED, UNK POSITION
 (2) UP
 (3) MIDDLE
 (4) LOWER
 (9) UNKNOWN IF EQUIPPED

3
16**SWING-AWAY FEATURE**

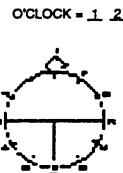
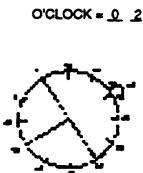
(0) NOT EQUIPPED
 (1) YES, EQUIPPED
 (9) UNKNOWN IF EQUIPPED

0
17**TELESCOPING FEATURE**

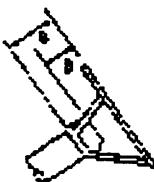
(0) NOT EQUIPPED
 (1) YES, EQUIPPED
 (9) UNKNOWN IF EQUIPPED

0
18**STEERING WHEEL POSITION AT TIME OF COLLISION**

IN WHAT O'CLOCK POSITION WAS THE NORMAL TOP OF THE WHEEL POINTED WHEN THE COLLISION OCCURRED?

EXAMPLESO'CLOCK = 12O'CLOCK = 9

(99) UNKNOWN

STEERING WHEEL ENERGY ABSORBING DEVICE**EXAMPLES:**BARRACUDA, 70 - 74
CHALLENGER, 70 - 74
CAPRI, 71 - 77**EXAMPLES:**OMNI, 78 -
HORIZON, 78 -**TYPE OF DEVICE**

(0) NONE
 (1) CONVOLUTED OR MESH CYLINDER
 (2) DEEP DISH STEERING WHEEL
 (7) OTHER: _____
 (8) NOT COLLECTED
 (9) UNKNOWN IF EQUIPPED

8
19**ORIGINAL DIMENSION (mm)**

A: _____

DAMAGE DIMENSION (mm)

B: _____

DIFFERENCE (mm)

A - B

(888) NOT COLLECTED
 (991) NOT MEASURED/NO APPARENT COMPRESSION
 (992) COMPRESSED, AMOUNT UNKNOWN
 (993) DEVICE EXTENDED
 (997) UNABLE TO MEASURE
 (998) NOT APPLICABLE (NOT EQUIPPED)
 (999) UNKNOWN

8
20 8
22

STEERING WHEEL AND COLUMN SC-2

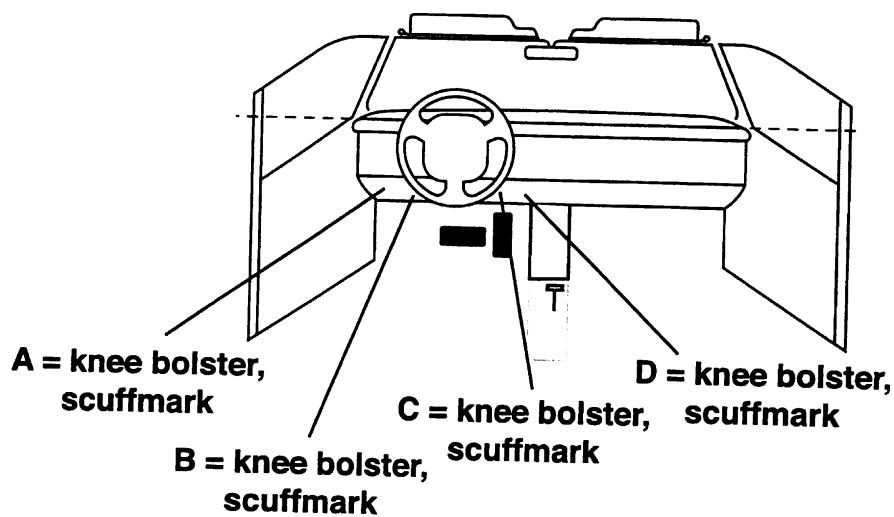
<p>STEERING COLUMN ENERGY ABSORBING DEVICE</p> <p>TYPE OF DEVICE * (IF 27 OR 28)</p> <p>(00) NOT EQUIPPED (88) NOT COLLECTED (99) UNKNOWN</p> <p>ORIGINAL LENGTH (mm)</p> <p>C: _____</p> <p>COMPRESSED LENGTH (mm)</p> <p>D: _____</p> <p>BRACKET DEFLECTION (IF CODE 36, 48, OR 49 ABOVE)</p> <p>OR</p> <p>COMPRESSION (OR EXTRUSION) (mm)</p> <p>C - D (OR E) (TOLERANCE: ± 10)</p> <p>(888) NOT COLLECTED (991) NOT MEASURED/NO APPARENT COMPRESSION (992) COMPRESSED, AMOUNT UNKNOWN (993) DEVICE EXTENDED (997) UNABLE TO BE MEASURED (998) NOT APPLICABLE (NOT EQUIPPED) (999) UNKNOWN</p> <p>* (ADD A & B FOR TOTAL COMPRESSION)</p> <p>SHEAR CAPSULE SEPARATION (mm)</p> <p>S (USE AVG. OF LEFT & RIGHT CAPSULES.)</p> <p>LT:</p> <p>RT:</p> <p>(888) NOT COLLECTED (991) NOT MEASURED/NO APPARENT SEPARATION (992) SEPARATED, AMOUNT UNKNOWN (997) UNABLE TO BE MEASURED (998) NOT APPLICABLE (NOT EQUIPPED) (999) UNKNOWN</p> <p>COLUMN VERTICAL ROTATION</p> <p>(0) NO APPARENT ROTATION (1) UPWARD APPARENT ROTATION (2) DOWNWARD APPARENT ROTATION (9) UNKNOWN</p> <p>COLUMN LATERAL ROTATION</p> <p>(0) NO APPARENT ROTATION (1) LEFT APPARENT ROTATION (2) RIGHT APPARENT ROTATION (9) UNKNOWN</p>	<p>STEERING WHEEL (CONTINUED)</p> <p>STEERING WHEEL HUB DAMAGE</p> <p>(0) NONE (1) OCCUPANT CONTACT (2) AIRBAG (3) OTHER _____ (9) UNKNOWN</p>
	<p>8 8 23 24</p> <p>8 8 8 25 27</p> <p>8 8 8 28 30</p> <p>O 31</p> <p>O 32</p>

INTRUSION IT-1

OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	Knee bolster	Dr	Lt. Knees	Scuffmark	1
B	"	"	"	"	1
C	"	"	Rt. Knees	"	1
D	"	"	"	"	1
E					
F					
G					
H					
I					
J					

VEHICLE OCCUPANT CONTACT DIAGRAM



CODES FOR COLUMN B, OCCUPANT SPACE NUMBER

OCCUPANT SPACE NUMBER IS A TWO-DIGIT CODE. THE USE OF THE CODE IS DETERMINED BY THE VEHICLE SEAT CONFIGURATION AT THE TIME OF THE ACCIDENT.

FIRST DIGIT

THE FIRST DIGIT (LEFT DIGIT) DENOTES THE SEAT ROW, WITH CODE VALUES FROM 1 TO 5.

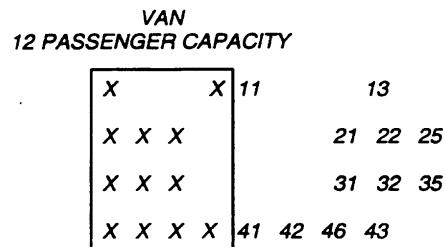
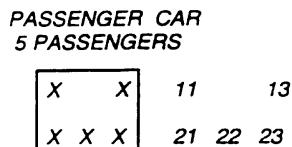
SECOND DIGIT

THE SECOND DIGIT (RIGHT DIGIT) DENOTES THE POSITION ON THE SEAT AND, IN SOME INSTANCES, THE WIDTH OF THE SEAT.

(1) LEFT	(3) RIGHT	INDIVIDUAL SEAT
(1) LEFT	(2) CENTER	(3) RIGHT BENCH: FULL WIDTH 3 PASSENGER
(1) LEFT	(2) LEFT CENTER	(6) RIGHT CENTER BENCH: FULL WIDTH 4 PASSENGER
(1) LEFT	(2) CENTER	(5) RIGHT & AISLE SPACE BENCH: PARTIAL WIDTH, LEFT
(0) LEFT & SPACE	(2) CENTER	(5) RIGHT & SPACE BENCH: PARTIAL WIDTH, CENTERED
(4) ENTIRE VEHICLE WIDTH		CARGO AREA

EXAMPLES

THE TWO FIGURES BELOW PROVIDE EXAMPLES OF THE OCCUPANT SPACE NUMBER.



CODES FOR COLUMN F, MEASUREMENT AXIS

- (X) X-AXIS (FORE & AFT)
- (Y) Y-AXIS (LATERAL)
- (Z) Z-AXIS (VERTICAL)

CODES FOR COLUMNS G, H, I & J, OCCUPANT & INJURY NUMBERS

OCCUPANT NUMBER	INJURY NUMBER	<u>CONTACT</u>
(00)	(00)	NO CONTACT
(##)	(00)	CONTACT, NO INJURY
(97)	(99)	CONTACT, OCCUPANT UNKNOWN, INJURY UNKNOWN
(99)	(00) OR (99)	UNKNOWN IF CONTACT

CODES FOR COLUMN C, INTRUDING COMPONENT OR OBJECT

NOTE: DO NOT CODE OBJECTS OTHER THAN COMPONENTS OF CASE VEHICLE.

INDIVIDUAL COMPONENT	GROUPED FOR MASSIVE INTRUSION INTO AN OCCUPANT SPACE	
INTERNAL	<i>USE ONLY IF ALL THESE COMPONENTS INTRUDED INTO A SINGLE OCCUPANT SPACE.</i>	
(01) INSTRUMENT PANEL	(50) WINDSHIELD HEADER	(60) ROOF
(02) FIRE WALL	A-PILLAR	ROOF RAIL
(03) TOE PAN	ROOF SIDE RAIL	A-PILLAR
(04) FLOOR PAN		B-PILLAR
(05) STEERING COLUMN	(51) INSTRUMENT PANEL	C-PILLAR
(06) WINDSHIELD	A-PILLAR	WINDOW FRAME
(07) WINDSHIELD HEADER	DOOR PANEL	DOOR PANEL
(08) A-PILLAR		FLOOR PAN
(09) DOOR PANEL OR SIDE PANEL	(52) INSTRUMENT PANEL	(61) INSTRUMENT PANEL
(10) WINDOW FRAME	A-PILLAR	TOE PAN
(11) B-PILLAR	WINDSHIELD HEADER	WINDSHIELD HEADER
(12) C-PILLAR		A-PILLAR
(13) D-PILLAR	(53) DOOR PANEL	ROOF RAIL
(14) ROOF SIDE RAILS	B-PILLAR	WINDOW FRAME
(15) ROOF OR CONVERTIBLE TOP	ROOF RAIL	DOOR PANEL
(16) BACKLIGHT HEADER		ROOF
(17) FRONT SEAT-BACK SURFACE/ SEAT-BACK BACK SURFACE	(54) DOOR PANEL	(62) ROOF
(18) SECOND SEAT-BACK SURFACE/ SEAT-BACK BACK SURFACE	A-PILLAR	ROOF RAIL
(19) THIRD SEAT-BACK SURFACE/ SEAT-BACK BACK SURFACE	ROOF RAIL	C-PILLAR
(20) FOURTH SEAT-BACK SURFACE/ SEAT-BACK BACK SURFACE	(55) INSTRUMENT PANEL	WINDOW FRAME
(21) FIFTH SEAT-BACK SURFACE/ SEAT-BACK BACK SURFACE	FLOOR PAN	FLOOR PAN
(22) BACK PANEL/BACK DOOR SURFACE	A-PILLAR	SECOND SEAT
(23) SEAT CUSHION SURFACE/EDGE	B-PILLAR	DOOR PANEL
(24) CONSOLE	WINDOW FRAME	(63) ROOF
(25) OTHER (DESCRIBE)		ROOF
(26) UNKNOWN INTERNAL SURFACES	(56) ROOF RAIL	B-PILLAR
(28) TRANSMISSION TUNNEL (HUMP)	A-PILLAR	WINDOW FRAME
(29) SIDE FOOTWELL PANEL (KICKPANEL)	B-PILLAR	FLOOR PAN
(30) SILL	C-PILLAR	DOOR PANEL
EXTERNAL	DOOR PANEL	SECOND SEAT
(43) HOOD	(57) ROOF RAIL	FRONT SEAT
(44) OBJECT EXTERNAL TO PASSENGER COMPARTMENT BUT PART OF CASE VEHICLE	A-PILLAR	(64) ROOF RAIL
(45) OUTSIDE SURFACE OF CASE VEHICLE	B-PILLAR	ROOF OR CONVERTIBLE TOP
(46) OTHER (E.G. SPARE TIRE, JACK. DESCRIBE.)	WINDOW FRAME	A-PILLAR
(49) UNKNOWN EXTERNAL OBJECT	DOOR PANEL	B-PILLAR
	(58) ROOF	WINDOW FRAME
	ROOF RAIL	WINDOW FRAME
	WINDOW FRAME	WINDOW HEADER
	DOOR PANEL	
	(59) BACKLIGHT HEADER	(65) WINDSHIELD
	ROOF	WINDSHIELD HEADER
	C-PILLAR	ROOF SIDE RAIL
	THIRD SEAT-BACK	(66) WINDSHIELD
		WINDSHIELD HEADER
		A-PILLAR
		(98) NOT APPLICABLE
		(99) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module 1 9 T 10 Format 0 11 1 12

INTRUSION IT-5

WAS THERE OCCUPANT COMPARTMENT INTRUSION?

13

WAS INTRUSION CATASTROPHIC?

14

(0) NO DO NOT ANSWER NEXT QUESTION. SKIP PAGE.
(1) YES ANSWER NEXT QUESTION.
(9) UNKNOWN SKIP PAGE.

(0) NO COMPLETE PAGE.
(1) YES SKIP PAGE.

Duplicate columns 1-8 Module 1 9 T 10 Format 0 11 2 12

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.

CODES FOR B, F, G, H, I, J ON PAGE IT-3

CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A INTRUSION NUMBER	B OCC. SPACE NO.	C COMPONENT OR OBJECT	D ASSOC. EVENT NO.	E MAXIMUM INTRUSION X AXIS (cm)	F MAXIMUM INTRUSION Y AXIS (cm)	G MAXIMUM INTRUSION Z AXIS (cm)	H OCCUPANT NUMBER	I INJURY NUMBER	J OCCUPANT NUMBER	K INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
0 1	—	—	—	—	—	—	—	—	—	—
0 2	—	—	—	—	—	—	—	—	—	—
0 3	—	—	—	—	—	—	—	—	—	—
0 4	—	—	—	—	—	—	—	—	—	—
0 5	—	—	—	—	—	—	—	—	—	—
0 6	—	—	—	—	—	—	—	—	—	—
0 7	—	—	—	—	—	—	—	—	—	—

NOTE: USE ADDITIONAL PAGE IF MORE THAN 7 INTRUSIONS.

Duplicate columns 1-8
from the previous card.

Module 1 9 T 10 Format 0 11 3 12

NOTE: IF NO SIDE DOOR INTRUSION,
SKIP REMAINDER OF PAGE.

**SIDE DOOR INTRUSION
RESULTED FROM**

INTRUSION
NUMBER

CAUSE

**CODES
FOR CAUSE:**

13 — 15 (1) DIRECT IMPACT
16 — 18 (2) INDUCED DAMAGE
19 — 21 (9) UNKNOWN

**IF DAMAGE TO DOOR COMPONENT RESULTED IN INCREASED
DOOR INTRUSION, CODE COMPONENT**

INTRUSION NUMBER	DAMAGED COMPONENT 1	DAMAGED COMPONENT 2	CODES FOR COMPONENTS
A 22 23	—	—	(0) NONE (1) A-PILLAR (2) B-PILLAR (3) C-PILLAR (4) LATCH/STRIKER (5) HINGES (7) OTHER: _____
B 26 27	—	—	(8) NOT APPLICABLE (9) UNKNOWN
C 30 31	—	—	
D 34 35	—	—	

Duplicate columns 1-8
from the previous card.

Module 1 T Format 0 2
9 10 11 12

INTRUSION IT-6

NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

-- ADDITIONAL PAGE --

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.

CODES FOR B, F, G, H, I, J ON PAGE IT-3

CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A INTRUSION NUMBER	B OCC. SPACE NO.	C INTRUDING COMPONENT OR OBJECT	D ASSOC. EVENT NO.	E MAXIMUM INTRUSION INTRUSION X AXIS (cm)	F MAXIMUM INTRUSION INTRUSION Y AXIS (cm)	G MAXIMUM INTRUSION INTRUSION Z AXIS (cm)	H OCCUPANT NUMBER	I INJURY NUMBER	J OCCUPANT NUMBER	K INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
<u>0</u> <u>8</u>	—	—	—	—	—	—	—	—	—	—
<u>0</u> <u>9</u>	—	—	—	—	—	—	—	—	—	—
<u>1</u> <u>0</u>	—	—	—	—	—	—	—	—	—	—
<u>1</u> <u>1</u>	—	—	—	—	—	—	—	—	—	—
<u>1</u> <u>2</u>	—	—	—	—	—	—	—	—	—	—
<u>1</u> <u>3</u>	—	—	—	—	—	—	—	—	—	—
<u>1</u> <u>4</u>	—	—	—	—	—	—	—	—	—	—
<u>1</u> <u>5</u>	—	—	—	—	—	—	—	—	—	—
<u>1</u> <u>6</u>	—	—	—	—	—	—	—	—	—	—
<u>1</u> <u>7</u>	—	—	—	—	—	—	—	—	—	—
<u>1</u> <u>8</u>	—	—	—	—	—	—	—	—	—	—
<u>1</u> <u>9</u>	—	—	—	—	—	—	—	—	—	—
<u>2</u> <u>0</u>	—	—	—	—	—	—	—	—	—	—
<u>2</u> <u>1</u>	—	—	—	—	—	—	—	—	—	—
<u>2</u> <u>2</u>	—	—	—	—	—	—	—	—	—	—
<u>2</u> <u>3</u>	—	—	—	—	—	—	—	—	—	—
<u>2</u> <u>4</u>	—	—	—	—	—	—	—	—	—	—
<u>2</u> <u>5</u>	—	—	—	—	—	—	—	—	—	—

Duplicate columns 1-8
from the previous card.

Module I
9 D
10 Format 0
11 1
12

INTERIOR DAMAGE

ID-1

CODES:

- (0) NO
- (1) YES
- (3) NO, and OCCUPANT CONTACT

- (4) YES, and OCCUPANT CONTACT
- (8) NOT APPLICABLE
- (9) UNKNOWN

SIDES	LEFT	RIGHT	FRONT		INSTRUMENT PANEL	
FRONT DOOR	0 13	0 14	FOOT CONTROLS	0 45	UPPER PANEL	0 55
FRONT HARDWARE	0 15	0 16	IGNITION KEYS	0 46	MID PANEL	0 56
FRONT ARMREST	0 17	0 18	REAR VIEW MIRROR	0 47	LOWER PANEL	0 57
FRONT GLASS	0 19	0 20	SUNVISOR/FITTINGS	0 48	ASHTRAY	0 58
REAR DOOR AREA	0 21	0 22	(5) LEFT SIDE ONLY (6) RIGHT SIDE ONLY (7) BOTH SIDES		CONTROL KNOBS & LEVERS	0 59
REAR HARDWARE	0 23	0 24	WINDSHIELD TOP MOLDINGS	0 49	GLOVE COMPARTMENT AREA	0 60
REAR ARMREST	0 25	0 26	LEFT A-PILLAR (UPPER OR LOWER)	0 50	INSTRUMENTS	0 61
REAR GLASS	0 27	0 28	RIGHT A-PILLAR (UPPER OR LOWER)	0 51	PARKING BRAKE RELEASE	0 62
ROOF SIDE RAIL	0 29	0 30	CENTER CONSOLE	0 52	PARKING BRAKE PEDAL	0 63
B-PILLAR	0 31	0 32	TRANSMISSION SELECTOR LEVER	0 53	A/C OR UPPER VENT OUTLETS	0 64
C-PILLAR	0 33	0 34	RIM, HORN, SPOKE	0 54	HEATER OR A/C DUCTS	0 65
D-PILLAR	0 35	0 36			RADIO	0 66
HEADLINING	0 37	0 38			OTHER: * _____	0 67
ROOF STRUCTURE	0 39	0 40				
T-ROOF/SUN ROOF	8 41	8 42				
OTHER: * _____	8 43	8 44				
					REAR	
					WINDOW	0 68
					WINDOW HEADER	0 69
					CONSOLES	
					VERTICAL	0 70
					ROOF	0 71

* MORE THAN ONE ITEM MAY BE NOTED.

Duplicate columns 1-8
from the previous card.

Module S 9 T 10 Format 0 11 2 12

SEATS

ST-1

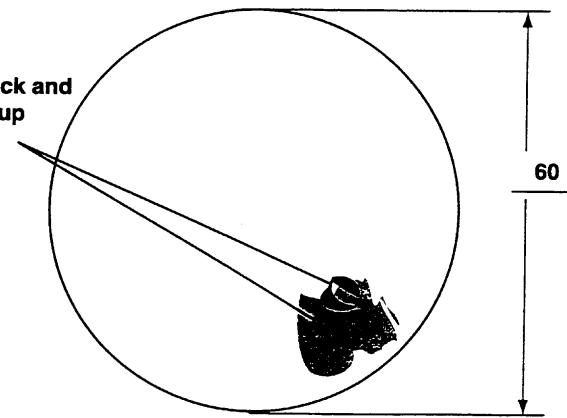
FRONT SEAT		DRIVER	PASSENR	FRONT SEAT-BACK		DRIVER	PASSENR
TYPE OF FRONT SEAT				SEAT-BACK TYPE			
(00) NO SEAT (01) STANDARD BENCH (02) SPLIT BACK, 50-50 (03) SPLIT BACK, DRIVER WIDE (04) SPLIT BACK, PASS. WIDE (05) BUCKET (06) CAPTAIN'S CHAIR (07) INDIV. BENCH, 50-50 (08) INDIV. BENCH, DRIVER WIDE (09) INDIV. BENCH, PASS. WIDE (97) OTHER: _____ (99) UNKNOWN		<u>0</u> <u>5</u> <u>13</u> <u>14</u> <u>0</u> <u>5</u> <u>15</u> <u>16</u>		(1) FORWARD FOLDING (2) RIGID (3) RECLINING (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>3</u> <u>30</u> <u>3</u> <u>31</u>	
TYPE OF SEAT MOUNT		<u>1</u> <u>17</u>		SEAT-BACK LOCK TYPE		<u>1</u> <u>32</u> <u>1</u> <u>33</u>	
(1) STANDARD (2) PEDESTAL (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> <u>18</u>		(0) NONE (1) MANUAL (2) INERTIA (3) POWER (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN			
SWIVEL MECHANISM EQUIPPED		<u>0</u> <u>19</u>		LOCKS HELD		<u>1</u> <u>34</u> <u>1</u> <u>35</u>	
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> <u>20</u>		(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN			
ORIGINAL EQUIPMENT SEATS		<u>1</u> <u>21</u>		RECLINER MECHANISM HELD		<u>1</u> <u>36</u> <u>1</u> <u>37</u>	
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> <u>22</u>		(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN			
CONTACT OF SEAT BY REAR OCCUPANT		<u>8</u> <u>23</u>		HEAD RESTRAINT			
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>8</u> <u>24</u>		HEAD RESTRAINT TYPE			
FRONT SEAT DAMAGE		<u>0</u> <u>25</u>		(0) NONE (1) ADJUSTABLE (2) INTEGRAL (3) NOT INTEGRAL, BUT CANNOT BE REMOVED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>2</u> <u>38</u> <u>2</u> <u>39</u>	
(0) NONE (1) BACKREST ONLY DAMAGED (2) CUSHION ONLY DAMAGED (3) BACKREST & CUSHION DAMAGED (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> <u>26</u>		REMOVED PRE-CRASH			
CENTER ARMREST DAMAGED		<u>1</u> <u>27</u> <i>scratches</i>		(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN IF EQUIPPED		<u>0</u> <u>40</u> <u>0</u> <u>41</u>	
(0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (9) UNKNOWN IF EQUIPPED				ADJUSTMENT AT CRASH		<u>8</u> <u>42</u> <u>8</u> <u>43</u>	
FRONT SEAT ROTATION		<u>0</u> <u>28</u>		(1) UP (2) DOWN (8) NOT APPLICABLE (9) UNKNOWN			
(0) NONE APPARENT (1) FORWARD APPARENT (2) REARWARD APPARENT (3) LEFT APPARENT (4) RIGHT APPARENT (5) MULTIPLE ROTATIONS SPECIFY _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> <u>29</u>		HEAD RESTRAINT DAMAGE		<u>0</u> <u>44</u> <u>0</u> <u>45</u>	
				(0) NONE (1) DAMAGED BUT NOT SEPARATED (2) SEPARATED (8) NOT APPLICABLE (9) UNKNOWN			

FRONT SEAT ADJUSTMENT SEAT ADJUSTMENT TYPE (0) NONE (<i>RIGID</i>) (1) MANUAL (2) POWER (7) OTHER: _____ (8) NOT APPLICABLE (<i>NO SEAT</i>) (9) UNKNOWN	DRIVER <u>2</u> 46	PASSENR <u>1</u> 47	SECOND SEAT (CONT.) CENTER ARMREST DAMAGED (0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (<i>NO CENTER ARMREST</i>) (9) UNKNOWN IF EQUIPPED		
				ADJUSTMENT PROVIDED	
				<u>3</u> 48	<u>1</u> 49
				SECOND SEAT-BACK	
				LOCKS	
				FOR THE FOLLOWING, USE:	
				(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	
				LEFT OR CENTER, EQUIPPED	
				<u>1</u> 61	<u>0</u> 62
SEAT ADJUSTER DAMAGE (0) NONE (1) CHUCKING (<i>FREE PLAY</i>) (2) DEFORMED (<i>RELEASED/JAMMED</i>) (3) SEPARATED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	SEAT ADJUSTER SEPARATION (0) NONE (1) SEPARATED AT FLOOR (2) SEPARATION OF ADJUSTER (3) SEPARATED AT SEAT (8) NOT APPLICABLE (9) UNKNOWN	PRE-CRASH POSITION (1) FORWARD (2) MIDDLE (3) REARWARD (8) NOT APPLICABLE (9) UNKNOWN	SECOND SEAT-BACK LOCKS FOR THE FOLLOWING, USE: (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	LEFT OR CENTER, EQUIPPED	
				<u>1</u> 63	<u>8</u> 64
				LEFT OR CENTER, HELD	
				(3) SEAT FOLDED DOWN	
				RIGHT, EQUIPPED	
				<u>0</u> 65	<u>1</u> 66
				RIGHT, HELD	
				<u>8</u> 67	<u>3</u> 68
				(3) SEAT FOLDED DOWN	
SECOND SEAT TYPE OF SECOND SEAT (0) NONE (1) NON-FOLDING (2) FOLDING (3) CAPTAIN'S CHAIR (4) JUMP SEAT (5) INTEGRAL CHILD SEAT (6) LUGGAGE AREA ACCESS PANEL (9) UNKNOWN	LEFT <u>2</u> 56	RIGHT <u>2</u> 57	THIRD SEAT EQUIPPED BACKREST DAMAGED CUSHION DAMAGED	THIRD SEAT	
				<u>0</u> 69	<u>0</u> 70
				<u>8</u> 71	<u>8</u> 72
				<u>8</u> 73	<u>8</u> 74
				VEHICLE EQUIPPED WITH REAR HEAD RESTRAINTS	
				(0) NOT EQUIPPED (<i>OR REMOVED</i>) (1) EQUIPPED (2) EQUIPPED & DAMAGED (8) NOT APPLICABLE (<i>NO REAR SEAT</i>) (9) UNKNOWN	
				<u>1</u> 75	
				<i>Applies to any rear-seat position</i>	

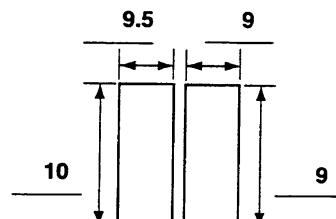
<p>DRIVER SIDE</p> <p>LOCATION OF AIRBAG</p> <p>STEERING WHEEL</p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>		13	<p>PASSENGER SIDE</p> <p>LOCATION OF AIRBAG</p> <p>INSTRUMENT PANEL (GLOVE BOX)</p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>		16
<p>CONDITION OF AIRBAG</p> <p>STEERING WHEEL</p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>		15	<p>CONDITION OF AIRBAG</p> <p>INSTRUMENT PANEL (GLOVE BOX)</p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>		18
<p>AIRBAG</p> <p>STEERING WHEEL</p> <p>TETHER</p> <p>(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>		19	<p>PASSENGER SIDE</p> <p>AIRBAG</p> <p>INSTRUMENT PANEL (GLOVE BOX)</p> <p>TETHER</p> <p>(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>		21
		20			22

AIRBAG NUMBER ON DRIVER SIDE: [REDACTED]

Driver Airbag

Lipstick and
makeup

Driver Airbag Doors



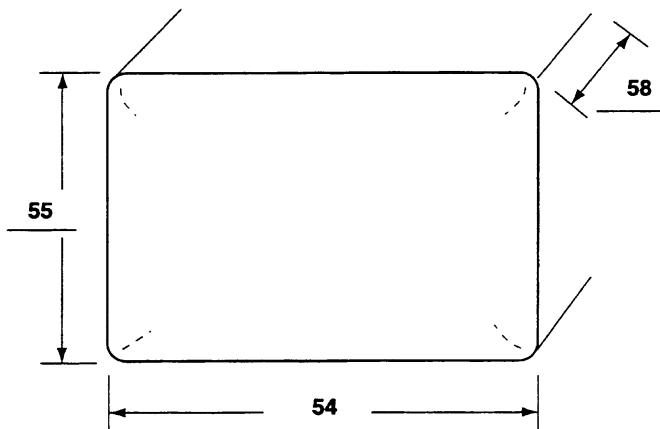
I-Pattern

Vents: Y N
if yes, how many: 2Tethers: Y N
if yes, how many: 2

at 11 and 1 o'clock

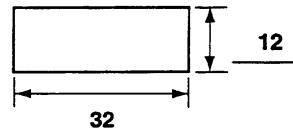
AIRBAG NUMBER ON PASSENGER SIDE: [REDACTED]

Passenger Airbag



Passenger Airbag Doors

Single Door

Vents: Y N
if yes, how many: 2
Tethers: Y N
if yes, how many: _____

at 3 and 9 o'clock

NOTE TO THE INVESTIGATOR:

THE FOLLOWING TWO SECTIONS,
OCCUPANT INFORMATION AND INJURY CLASSIFICATION,
ARE TO BE FILLED IN
FOR EACH CASE VEHICLE OCCUPANT,
WHETHER INJURED OR NOT.

IF THERE IS MORE THAN ONE OCCUPANT,
USE ADDITIONAL COPIES
OF PAGES OC-1, OC-2, OC-3,
AND IC-2 TO DESCRIBE THEM
AND ATTACH THE COPIES TO THIS REPORT.

OCCUPANT INFORMATION OC-1

OCCUPANT IDENTIFICATION		<u>O 1</u> <u>13</u> <u>14</u>	PHYSICAL DESCRIPTION	
OCCUPANT NUMBER	AGE IN YEARS (00) LESS THAN 1 YEAR (98) 98 YEARS OR OLDER (99) UNKNOWN		3 6 <u>20</u> <u>21</u>	
ROLE OF OCCUPANT AT 1ST IMPACT (1) MOTOR VEHICLE DRIVER (2) MOTOR VEHICLE PASSENGER (NOT DRIVER) (9) UNKNOWN	AGE IN MONTHS (00) LESS THAN 1 MONTH (25) 25 MONTHS OR OLDER (99) UNKNOWN	2 5 <u>22</u> <u>23</u>		
ROW LOCATION (1) FRONT (2) SECOND (3) THIRD (4) FOURTH (7) OTHER: (8) EXTERNAL TO PASSENGER COMPARTMENT (E.G. BED OF PICKUP) (9) UNKNOWN	MASS (kg) (999) UNKNOWN	(135 16) <u>24</u> <u>25</u> <u>26</u>		
OCCUPANT POSITION LATERAL LOCATION (1) LEFT (2) LEFT CENTER (3) CENTER (4) RIGHT CENTER (5) RIGHT (6) ALL (LYING ON SEAT) (8) EXTERNAL TO PASSENGER COMPARTMENT (9) UNKNOWN	HEIGHT (cm) (999) UNKNOWN	(5ft, 9in) <u>27</u> <u>28</u> <u>29</u>		
POSTURE (10) SITTING ON SEAT (11) SITTING ON SEAT IN ABNORMAL POSITION (E.G. FEET ON DASH, SIDeways) (12) SITTING ON CONSOLE (20) ON LAP OR IN ARMS (30) STANDING ON SEAT (40) STANDING ON FLOOR (47) STANDING, EXTERNAL TO PASSENGER COMPARTMENT (50) IN BASSINET (60) IN CHILD SEAT (65) IN CHILD HARNESS (70) LYING ON SEAT (80) LYING/SITTING ON PASSENGER FLOOR (83) LYING/SITTING ON OTHER OBJECT IN PASSENGER COMPARTMENT: (85) ON CARGO FLOOR/FOLDED SEAT-BACK (87) LYING/SITTING, EXTERNAL TO PASSENGER COMPARTMENT (97) OTHER: (99) UNKNOWN	SEX (1) MALE (2) FEMALE (9) UNKNOWN	2 <u>30</u>		
	MEDICAL CONDITIONS			
	TREATMENT/MORTALITY (00) NONE (01) FIRST AID AT SCENE (02) TREATED AT HOSPITAL/CLINIC BUT NOT ADMITTED (03) HOSPITALIZED FOR OBSERVATION LESS THAN 24 HOURS (04) HOSPITALIZED OVER 24 HOURS OR FOR SIGNIFICANT TREATMENT (05) FATAL, DEAD AT SCENE (06) FATAL, DOA (07) FATAL, DEAD WITHIN 24 HOURS (08) FATAL, DEAD 24 HOURS TO 31 DAYS LATER (09) FATAL, DEAD 31 DAYS TO 1 YEAR LATER (10) FATAL DEAD WITHIN UNKNOWN PERIOD (99) UNKNOWN	<u>O 2</u> <u>31</u> <u>32</u>		
	INJURY SEVERITY SCORE (ISS) (99) UNKNOWN	<u>O 1</u> <u>33</u> <u>34</u>		
	NON-IMPACT MED. CONDITIONS (0) NONE (1) YES, TIME & TYPE UNKNOWN (2) PRE-CRASH FATAL (CLINICAL DEATH AT WHEEL) (3) PRE-CRASH NON-FATAL (E.G. PRIOR INJURY, STROKE) (4) PREGNANT (5) POST-CRASH FATAL (DROWNING) (6) POST-CRASH NON-FATAL INJURY (7) OTHER: <u>IN-VITRO FERTILIZATION</u> (8) COMBINATION OF ABOVE <u>BEFORE CRASH</u> (9) UNKNOWN	<u>7</u> <u>35</u>		

OCCUPANT INFORMATION OC-2

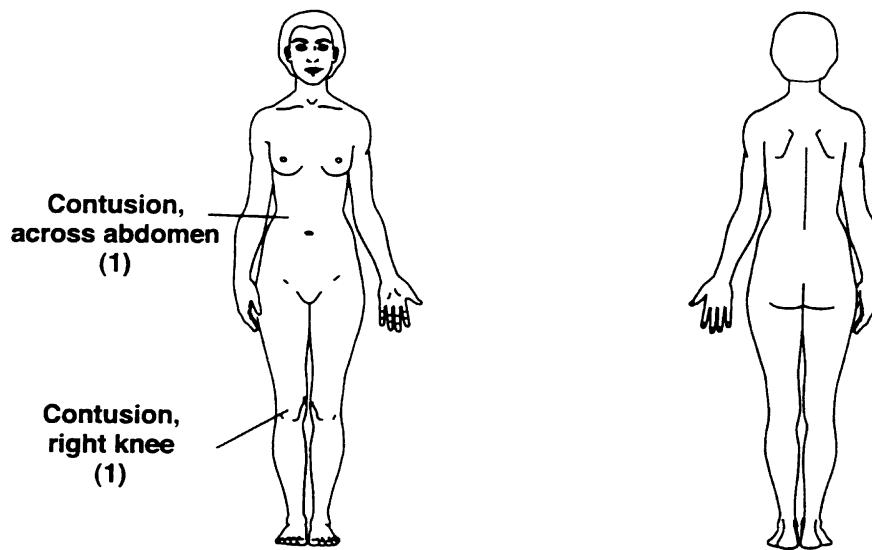
<p>MEDICAL CONDITIONS (CONT.)</p> <p>POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT</p> <ul style="list-style-type: none"> (0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO IMPACT (7) NON-FATAL INJURY, SEVERITY UNKNOWN (9) UNKNOWN 	<p><u>1</u></p> <p><u>36</u></p>	<p>CHILD SEAT TYPE</p> <ul style="list-style-type: none"> (00) NONE USED (01) YES, USED (02) INTEGRAL, Chrysler Mini-van (88) NOT APPLICABLE <i>(ADULT OR OLDER CHILD)</i> (99) UNKNOWN <p>CHILD SEAT MAKE/MODEL</p> <hr/> <hr/> <hr/>	<p><u>8</u></p> <p><u>41</u> <u>8</u> <u>42</u></p>
<p>RESTRAINT SYSTEM</p> <p>ACTIVE RESTRAINT SYSTEM</p> <ul style="list-style-type: none"> (0) NONE (1) LAP BELT (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (9) UNKNOWN <p>ACTIVE RESTRAINT SYSTEM USAGE</p> <ul style="list-style-type: none"> (0) NONE (<i>AVAILABLE BUT NOT USED</i>) (1) LAP BELT ONLY (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (7) IMPROPER USAGE (8) NOT APPLICABLE (<i>NONE AVAILABLE</i>) (9) UNKNOWN <p>PASSIVE RESTRAINT SYSTEM</p> <ul style="list-style-type: none"> (0) NONE (1) AIRBAG INSTALLED (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS (4) PASSIVE LAP & UPPER TORSO (5) AIRBAG INSTALLED & PASSIVE RESTRAINT (7) OTHER: _____ (9) UNKNOWN <p>PASSIVE RESTRAINT SYSTEM USAGE</p> <ul style="list-style-type: none"> (0) SYSTEM DEFEATED (1) AIRBAG NOT DEPLOYED (2) AIRBAG DEPLOYED (3) AIRBAG NOT REINSTALLED (4) PASSIVE UPPER TORSO USED (5) PASSIVE LAP & UPPER TORSO USED (6) SYSTEM USED IN MANUAL MODE (7) IMPROPER USAGE (8) NOT APPLICABLE (<i>NOT ORIGINALLY EQUIPPED</i>) (9) UNKNOWN 	<p><u>3</u></p> <p><u>37</u></p> <p><u>3</u></p> <p><u>38</u></p> <p><u>1</u></p> <p><u>39</u></p> <p><u>2</u></p> <p><u>40</u></p>	<p>EJECTION</p> <p>DEGREE OF EJECTION</p> <ul style="list-style-type: none"> (0) NONE (1) PARTIAL (2) COMPLETE (7) EJECTED, DEGREE UNKNOWN (9) UNKNOWN IF EJECTED <p>AREA OF EJECTION</p> <ul style="list-style-type: none"> (01) WINDOW, LEFT SIDE (02) WINDOW, RIGHT SIDE (03) WINDOW, REAR (04) DOOR, LEFT SIDE (05) DOOR, RIGHT SIDE (06) DOOR, REAR OR TAILGATE (07) WINDSHIELD (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA (96) EJECTED AREA UNKNOWN (97) OTHER AREA: _____ (98) NOT APPLICABLE (<i>NOT EJECTED</i>) (99) UNKNOWN IF EJECTED <p>IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW:</p> <hr/> <hr/> <hr/>	<p><u>0</u></p> <p><u>43</u></p> <p><u>9</u> <u>8</u> <u>44</u> <u>45</u></p>
		<p>HEAD RESTRAINT</p> <p>HEAD RESTRAINT AVAILABLE FOR THIS POSITION</p> <ul style="list-style-type: none"> (0) NOT EQUIPPED OR REMOVED (1) EQUIPPED (9) UNKNOWN 	<p><u>1</u></p> <p><u>46</u></p>

OCCUPANT INFORMATION OC-3

OCCUPANT EYEWEAR		SOURCE OF INFORMATION	
(0) NONE (1) GLASSES (2) CONTACTS (3) BOTH GLASSES AND CONTACTS (4) OTHER _____ (8) NOT APPLICABLE (9) UNKNOWN	<u>0</u> 47	<input checked="" type="checkbox"/> INTERVIEW <input checked="" type="checkbox"/> HOSPITAL (2) AUTOPSY (3) POLICE (4) OTHER _____ (5) LAY CORONER/EXTERNAL EXAM (7) COMBINATION OF ABOVE (CIRCLE) (8) NOT APPLICABLE (9) UNKNOWN	<u>7</u> 48

OCCUPANT INFORMATION OC-4

INDICATE LOCATION OF INJURIES.



Duplicate columns 1-8 from the previous card.

INJURY CLASSIFICATION IC-1

NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

OCCUPANT INJURY CLASSIFICATION

NOTE: USE ADDITIONAL PAGES IF NECESSARY.

CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) & OR TOP MOLDING
- (12) WINDSHIELD

- (05) INSTRUMENT PANEL (*SPECIFIC AREA UNKNOWN*)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (*INSTRUMENT PANEL*)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER

- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE

- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)

- (09) STEERING ASSEMBLY (*SPECIFIC AREA UNKNOWN*)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN

- (03) HARDWARE ITEM (*SPECIFIC AREA UNKNOWN*)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (*FRONT*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (*BUILT IN*)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (*LOCATION UNK.*)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (*LOCATION UNKNOWN*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)

- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM

- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (*AIRBAG*)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (*FROM ANY SOURCE*)
- (41) UNKNOWN INTERIOR SURFACE

SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK

- (22) WINDOW GLASS (*SIDE*)
- (21) WINDOW FRAMES (*SIDE*)

- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (91) KICKPANEL

ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) & OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (*SPECIFIC AREA UNKNOWN*)

- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (*SPECIFIC AREA UNK.*)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (*NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.*)

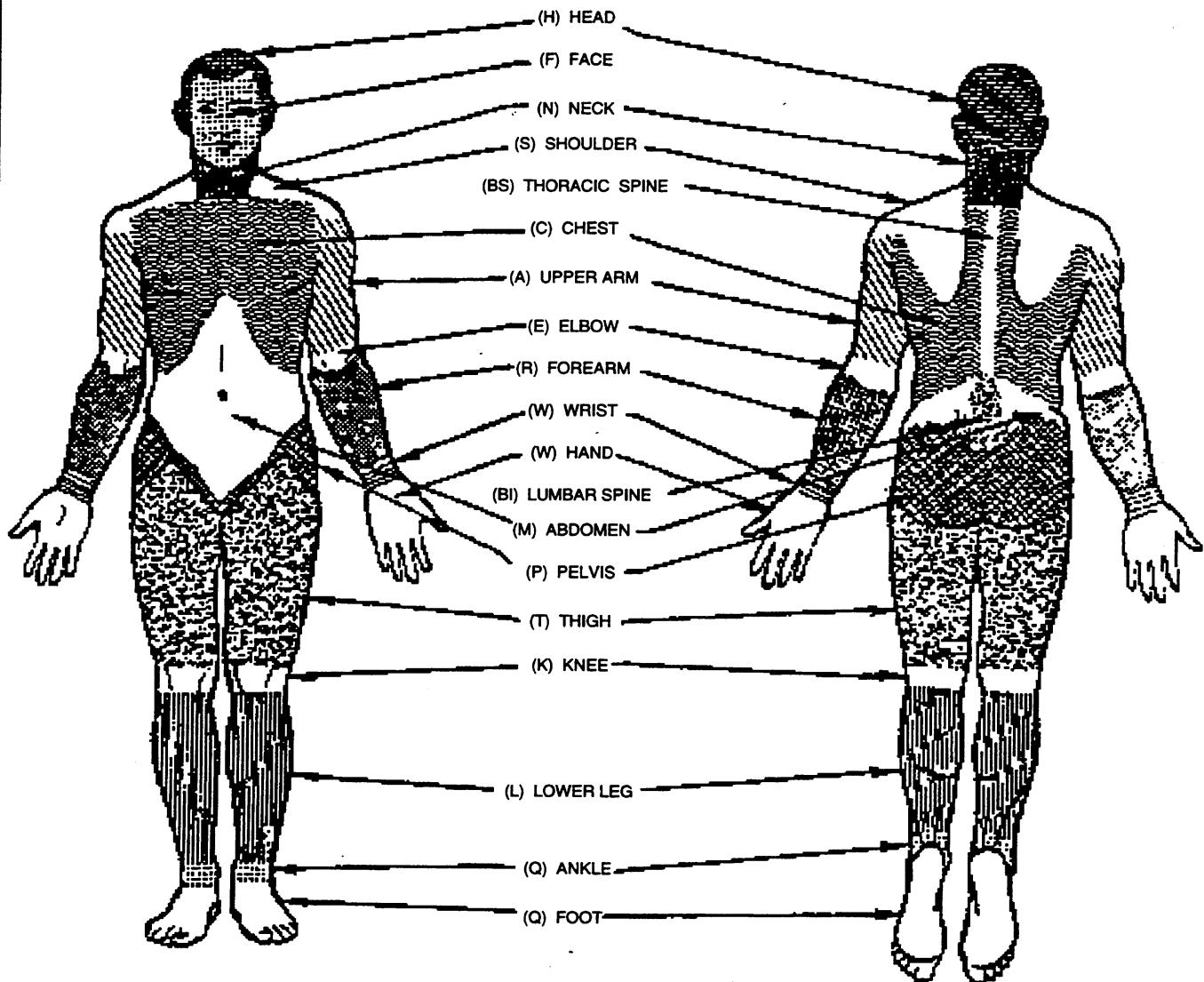
PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (*DESCRIBE*)

MISCELLANEOUS

- (00) NO CONTACT (*INVALID FIELD FORM CODE*)
- (38) OTHER (*E.G. FIRE. DESCRIBE*)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

THE FIGURE BELOW
IS AN EXPLANATION OF THE BODY REGION CODES
LISTED ON PAGE IC - 4.



CODES FOR OCCUPANT INJURY CLASSIFICATION (OIC)

1 BODY REGION	3 LESION	4 SYSTEM/ORGAN
(H) HEAD/SKULL	(L) LACERATION	(S) SKELETAL
(F) FACE	(C) CONTUSION	(V) VERTEBRAE
(N) NECK	(A) ABRASION	(J) JOINTS
(S) SHOULDER	(F) FRACTURE	(D) DIGESTIVE
(X) UPPER EXTREMITIES	(P) PERFORATION, PUNCTURE	(L) LIVER
(A) ARM (<i>UPPER</i>)	(K) CONCUSSION	(N) NERVOUS SYSTEM
(E) ELBOW	(V) AVULSION	(B) BRAIN
(R) FOREARM	(R) RUPTURE	(C) SPINAL CORD
(W) WRIST/HAND	(S) SPRAIN	(E) EARS
(C) CHEST	(D) DISLOCATION	(O) EYES
(M) ABDOMEN	(N) CRUSH	(A) ARTERIES
(B) BACK	(M) AMPUTATION	(H) HEART
(P) PELVIC/HIP	(B) BURN	(Q) SPLEEN
(Y) LOWER EXTREMITIES	(G) DETACHMENT, SEPARATION	(G) UROGENITAL
(T) THIGH	(Z) FRACTURE AND DISLOCATION	(K) KIDNEYS
(K) KNEE	(T) STRAIN	(R) RESPIRATORY
(L) LEG (<i>LOWER</i>)	(E) TOTAL SEVERANCE, TRANSECTION	(P) PULMONARY/LUNGS
(Q) ANKLE/FOOT	(O) OTHER	(M) MUSCLES
(O) WHOLE BODY	(U) UNKNOWN	(T) THYROID, OTHER ENDOCRINE GLAND
(U) UNKNOWN		(I) INTEGUMENTARY (<i>SKIN</i>)
		(W) ALL SYSTEMS IN REGION
		(U) UNKNOWN

2 ASPECT
(R) RIGHT
(L) LEFT
(B) BILATERAL
(C) CENTRAL
(A) ANTERIOR/FRONT
(P) POSTERIOR/BACK
(S) SUPERIOR/UPPER
(I) INFERIOR/LOWER
(W) WHOLE REGION
(U) UNKNOWN

BODY REGION	ASPECT	LESION	SYSTEM/ORGAN	SEVERITY
1	2	3	4	5

5 SEVERITY (OR 'AIS', ABBREVIATED INJURY SCALE)
(0) NONE
(1) MINOR
(2) MODERATE
(3) SERIOUS
(4) SEVERE
(5) CRITICAL
(6) MAXIMUM
(9) UNKNOWN

Case No.: 218-00

Case Ven.: (A) 1988 Chevrolet

Type: Station LS, V8, R, 4-door SUV

Driver: 34 year old female

Pass. (B): 1999 Nissan (yellow/black minivan)

Pass. (C): 1999 GMC pickup (black/red truck)

Light Conditions: Daylight

Weather: Clear

Floor Surface: Dry

Flood Condition: Dry

North →



8 lanes asphalt road

PN 21800 #1



PN21800#2



PN 21800 #3
Best Available



PN 21800#4
Best Available



PN21B00#5



**PN 21800 #6
Best Available**



PN 21800 #7
Best Available



PN 21800 #8
Best Available



PN 21800 #9
Best Available



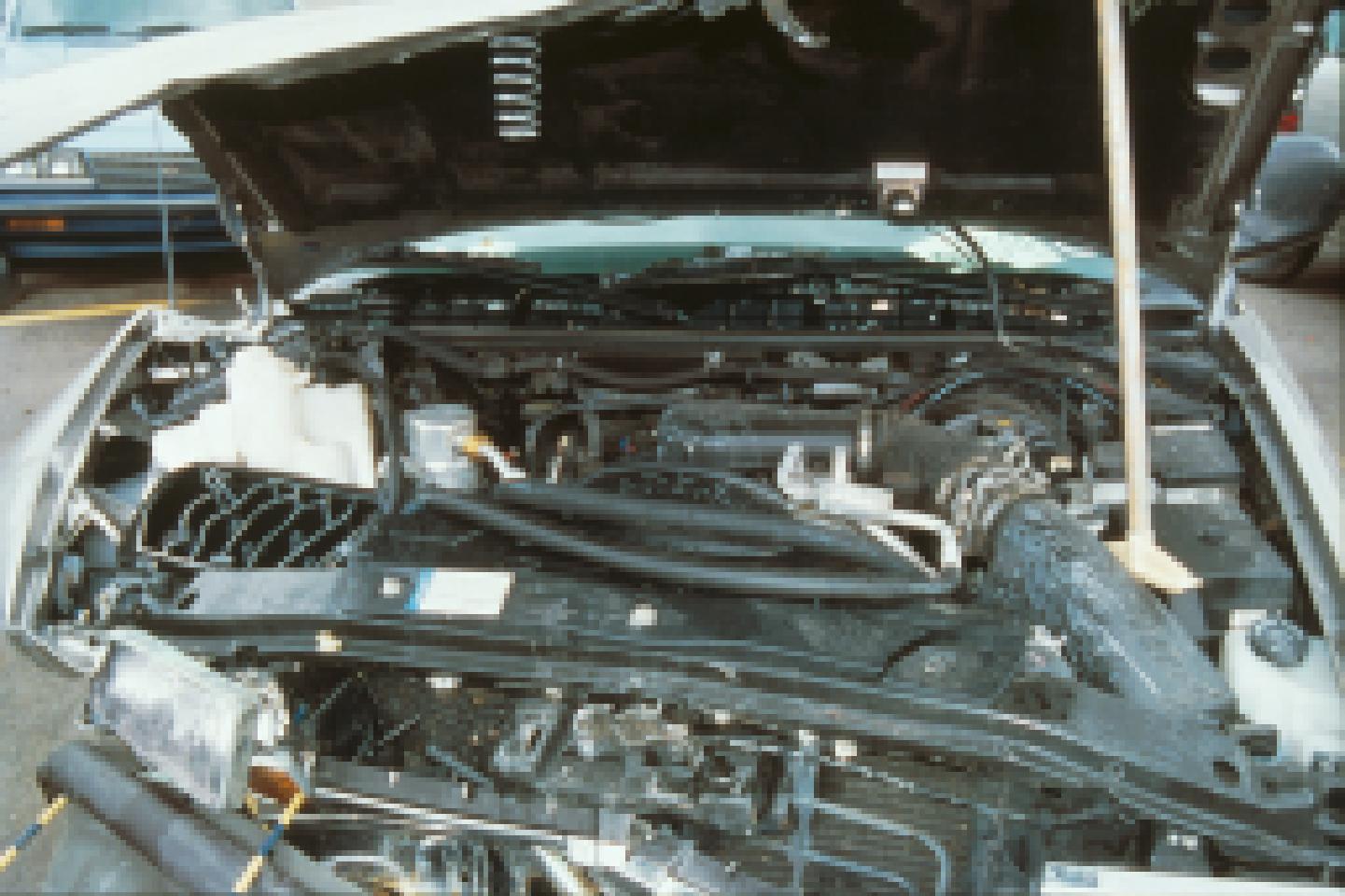
PN21800 #10



PN 21800 #11



PN21800#12



PN 21800 #13



PN21800 #14
Best Available



PN21800 #15



PN21800 #18



PN21800#17



PN 21800#18



PN 21800 #18



PN 21800 #20



PN 21800 #21



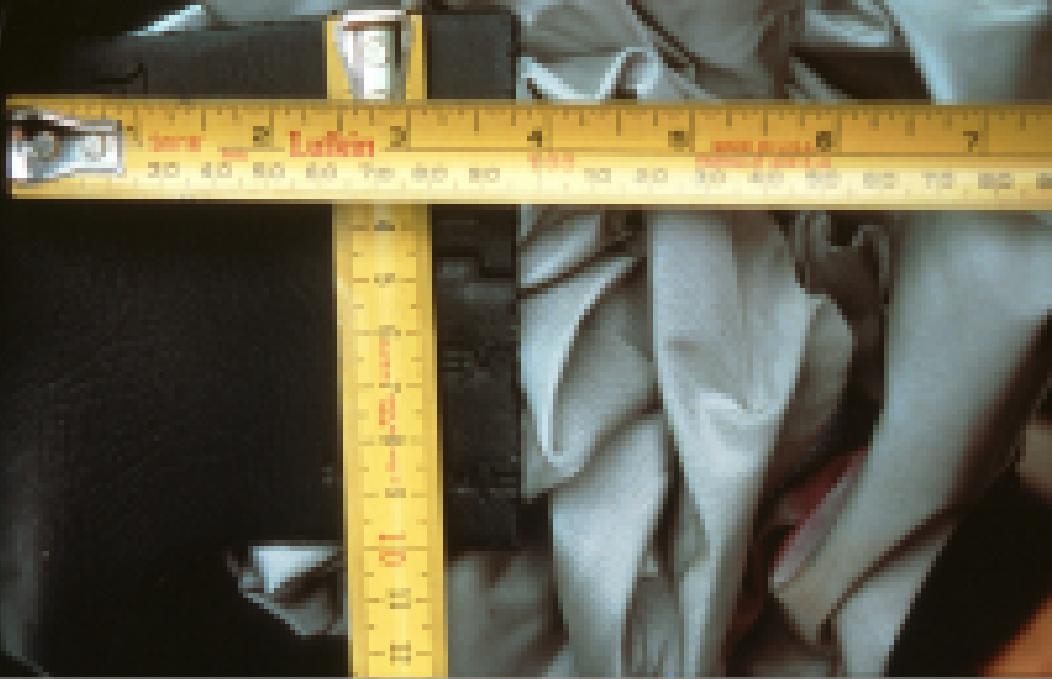
**PN 21800 #22
Best Available**



PN 21800 #23
Best Available



PN 21800 #24
Best Available



PN 21000 #25
Best Available



P/N 21800 #26
Best Available



PN 21800 #27



PN21800 #28



**PN 21800 #29
Best Available**



PN 21800 #30



**PN 21800 #31
Best Available**



PN 21800 #32



PN21800#33



PN 21800 #34



PN 21800 #35



PN 21800 #36



PN21800#37



PN21800 #38



PN21800 #39



PN 21800 #40



PN 21800 #41



PN21800#42



PN21800 #43



PN21800 #44
Best Available



PN21800#45



PN21800#46

Credit: NHTSA

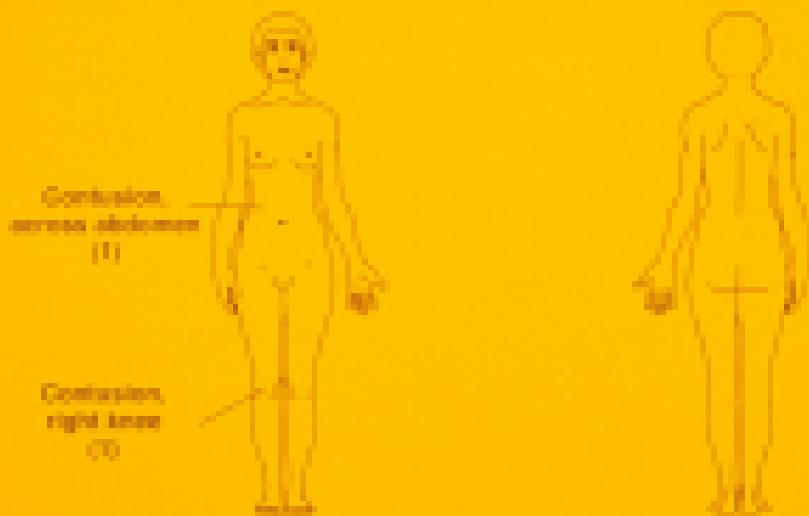
CASE VEHICLE: 1999 Chevrolet
TYPE: Express 15' C.V.C. Cargo Van

OCUPANT: Driver 20-year-old female

WEIGHT: 119 kg (263 lb) height: 173 cm (5 ft 8 in)

VEHICLE: Impact into rear, frontal impact
airbag deployed

VEHICLE SPEED: 50 km/h (31 mph)



PN 21800 #47